

AREA NAME = KUGE

FILE NAME = Y

NO. OF SAMPLE = 126

CONTOUR VALUE

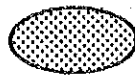
MAXIMUM = 600

MINIMUM = 160

THRESHOLD = 400

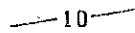
MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

THRESHOLD CONTOUR LINE

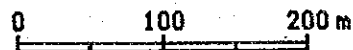
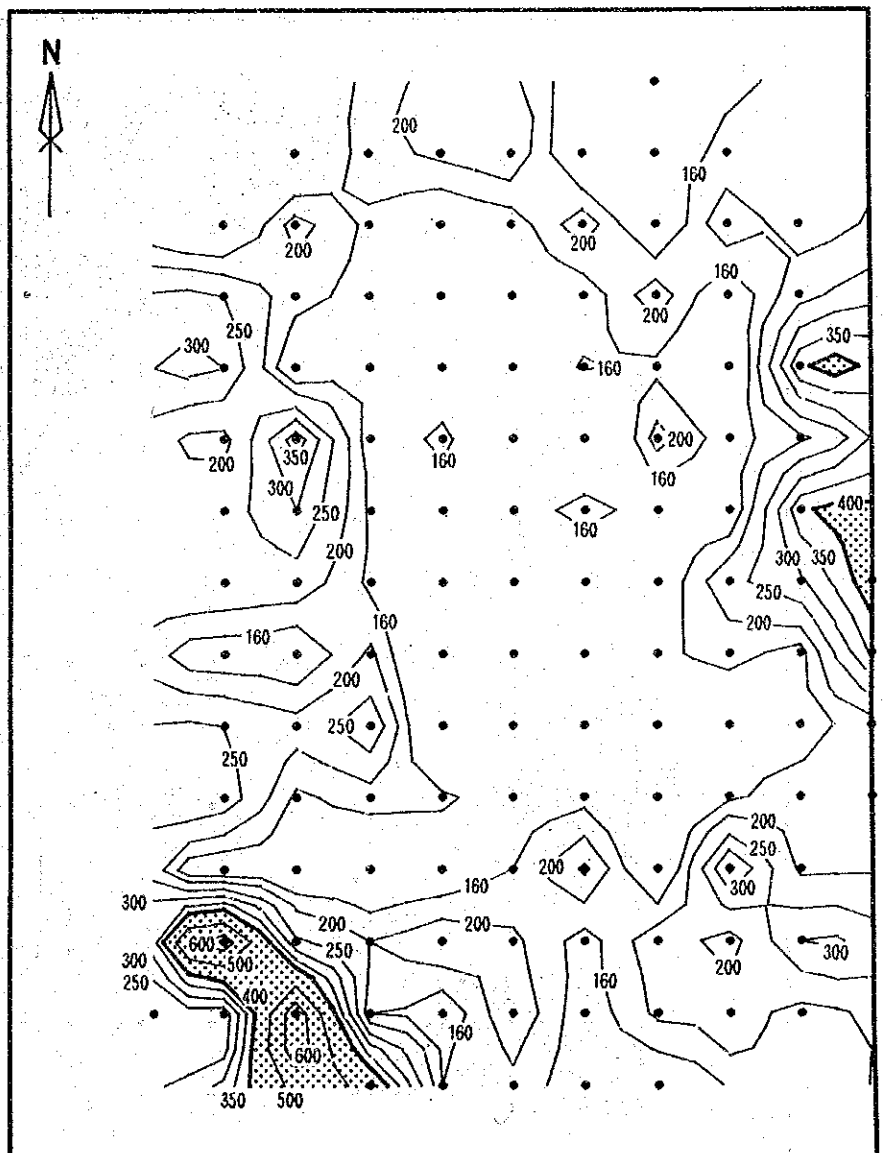


CONTOUR LINE AND

CONTOUR VALUE (ppm)


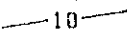



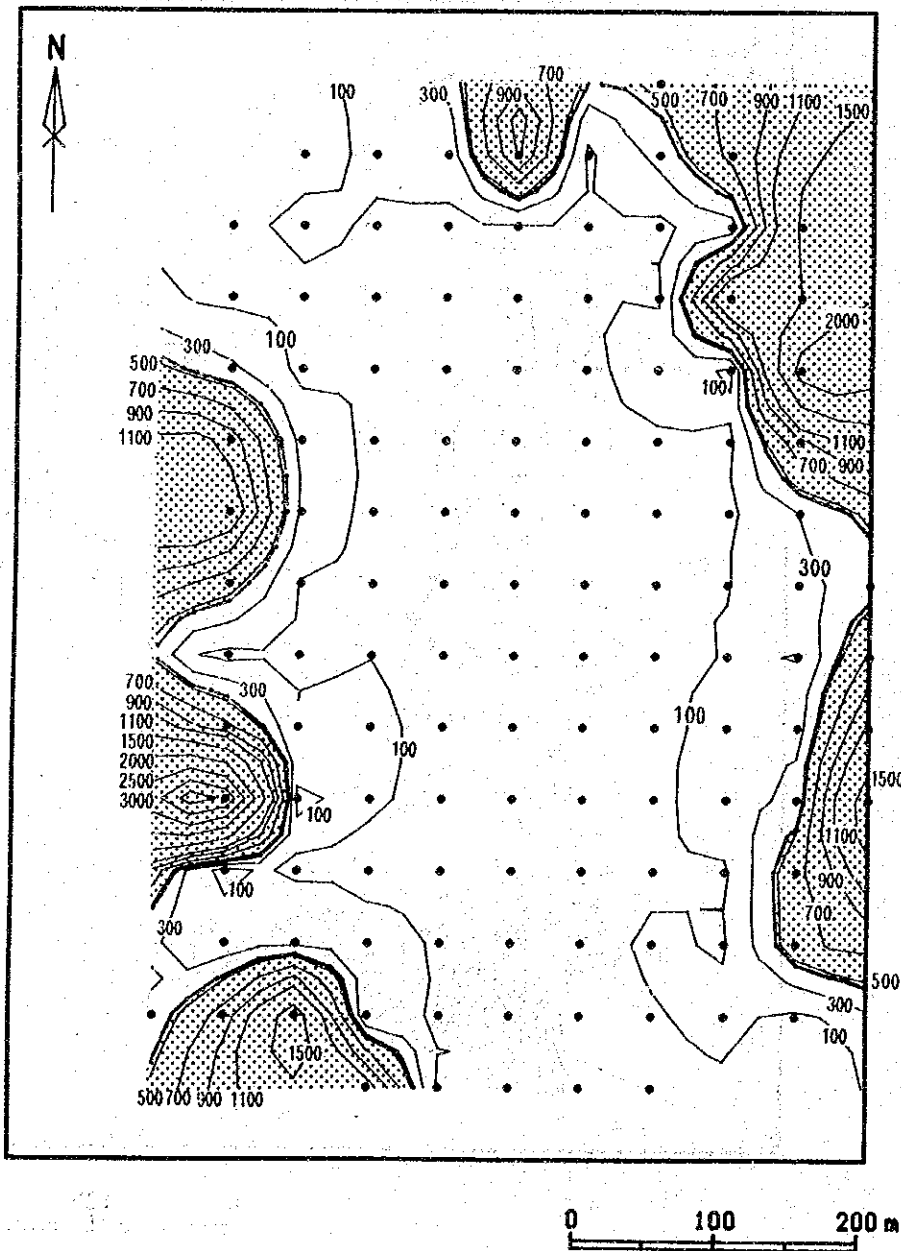
SAMPLE POINT



Apx. 52 Geochemical Density and Anomaly Map of Y - Kuge Sector -

AREA NAME = KUGE
 FILE NAME = TH
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 3500
 MINIMUM = 100
 THRESHOLD = 460
 MAP SCALE = 1:5000



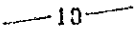

LEGEND
 ANOMALY ZONE
 THRESHOLD CONTOUR LINE
 CONTOUR LINE AND
 CONTOUR VALUE (ppm)
 SAMPLE POINT

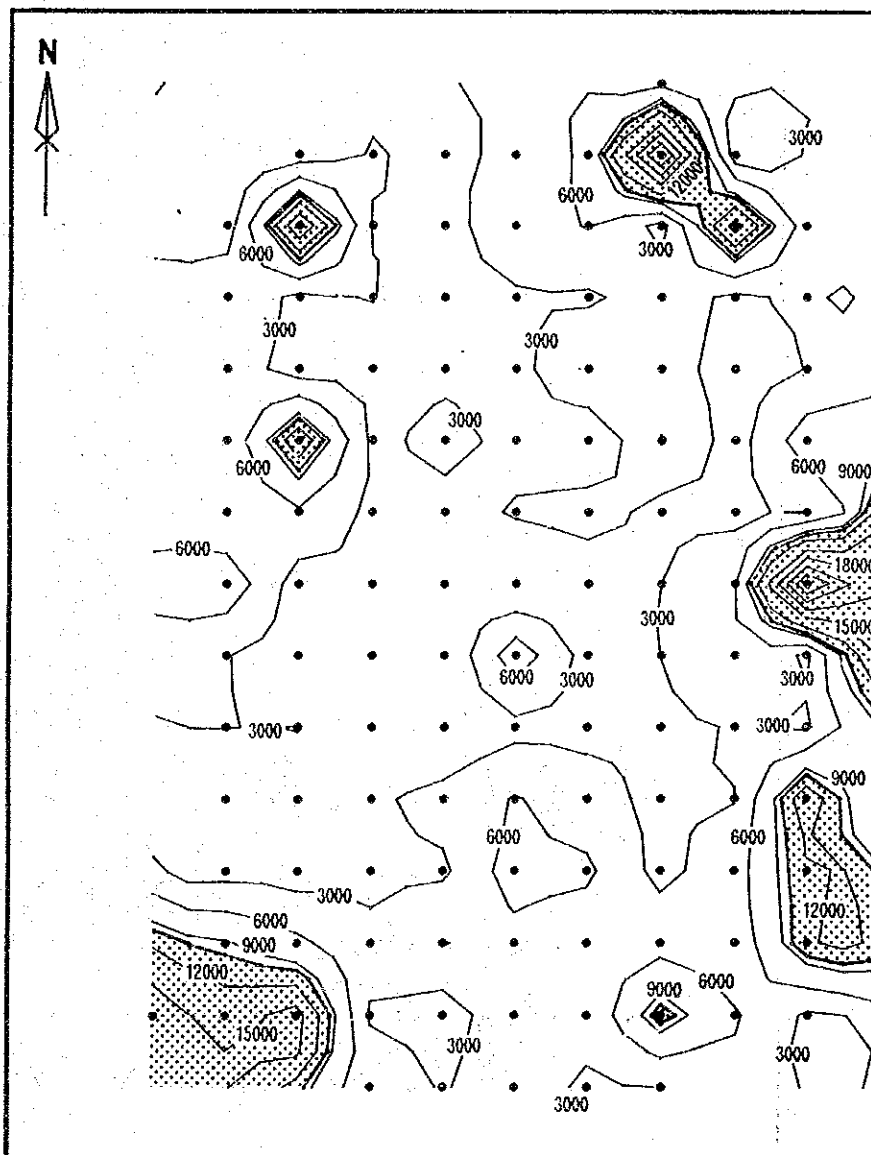


Apx. 53 Geochemical Density and Anomaly Map of Th -- Kuge Sector --

AREA NAME = KUGE
 FILE NAME = LCN
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 27000
 MINIMUM = 3000
 INTERVAL = 3000
 THRESHOLD = 10000
 MAP SCALE = 1:5000

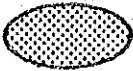
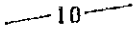

LEGEND

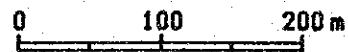
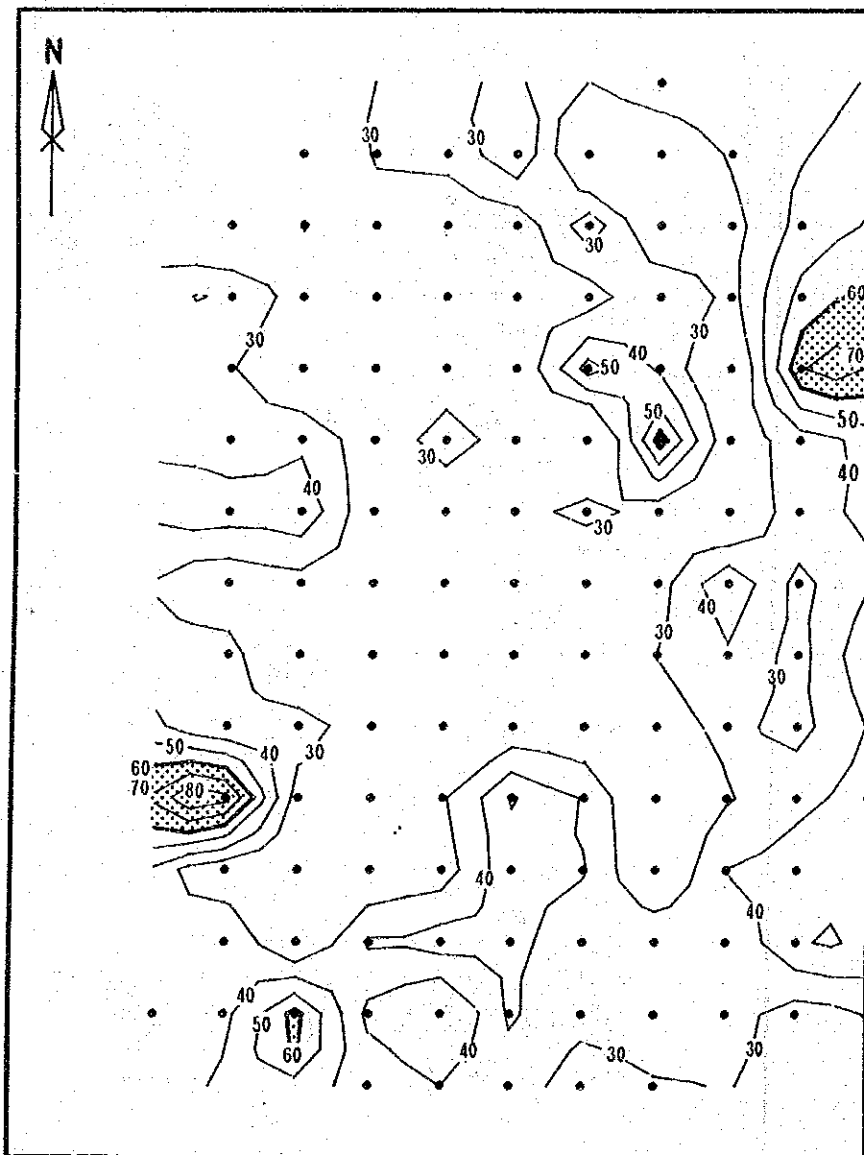
-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT



Apx. 54 Geochemical Density and Anomaly Map of La+Ce+Nd – Kuge Sector –
 A-111

AREA NAME = KUGE
 FILE NAME = EU
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 80
 MINIMUM = 30
 INTERVAL = 10
 THRESHOLD = 60
 MAP SCALE = 1:5000

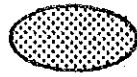
LEGEND
 ANOMALY ZONE
 THRESHOLD CONTOUR LINE
 CONTOUR LINE AND
 CONTOUR VALUE (ppm)
 SAMPLE POINT



Apx. 55 Geochemical Density and Anomaly Map of Eu -- Kuge Sector --
 A-112

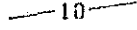
AREA NAME = KUGE
 FILE NAME = YB
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 25
 MINIMUM = 7
 INTERVAL = 3
 THRESHOLD = 18
 MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

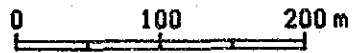
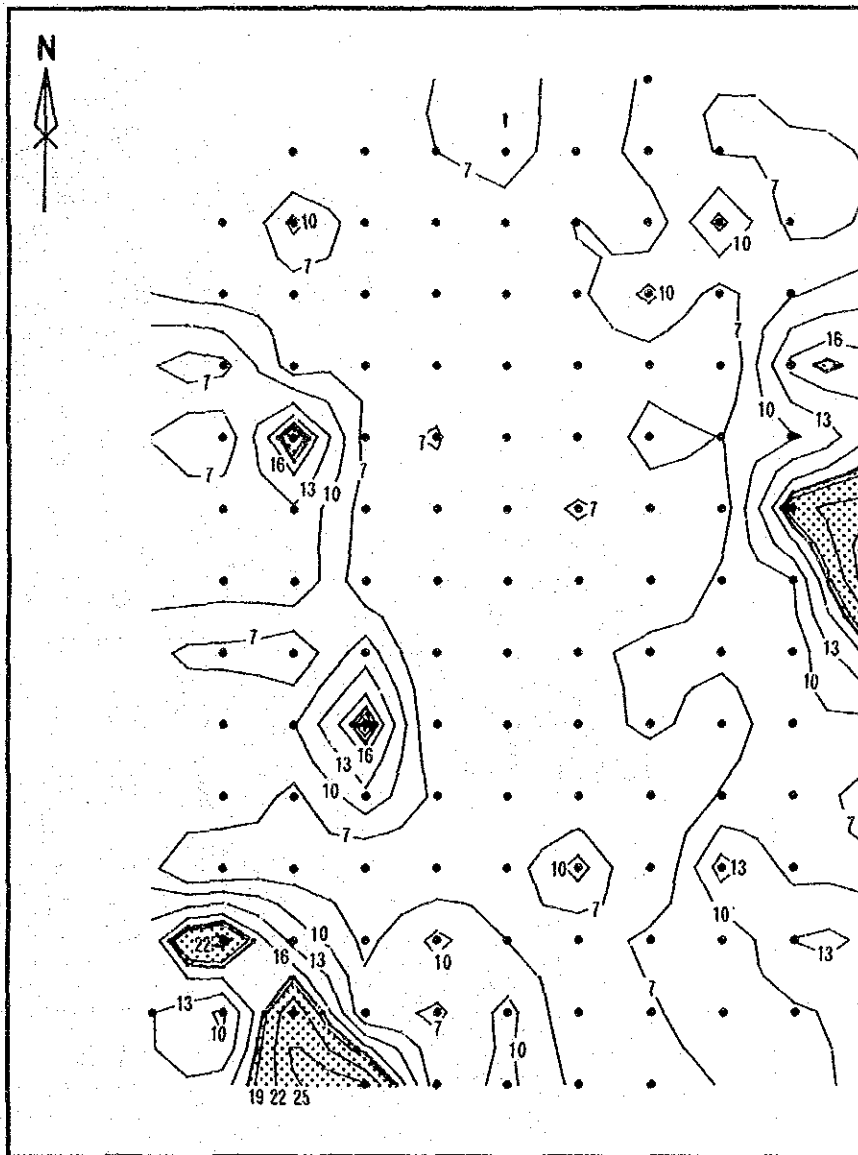
THRESHOLD CONTOUR LINE



CONTOUR LINE AND
CONTOUR VALUE (ppm)



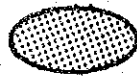
SAMPLE POINT



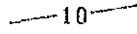
Apx. 56 Geochemical Density and Anomaly Map of Yb - Kuge Sector -
 A-113

AREA NAME = KUGE
 FILE NAME = GAMMA
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 9000
 MINIMUM = 600
 THRESHOLD = 2200
 MAP SCALE = 1:5000

LEGEND



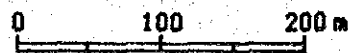
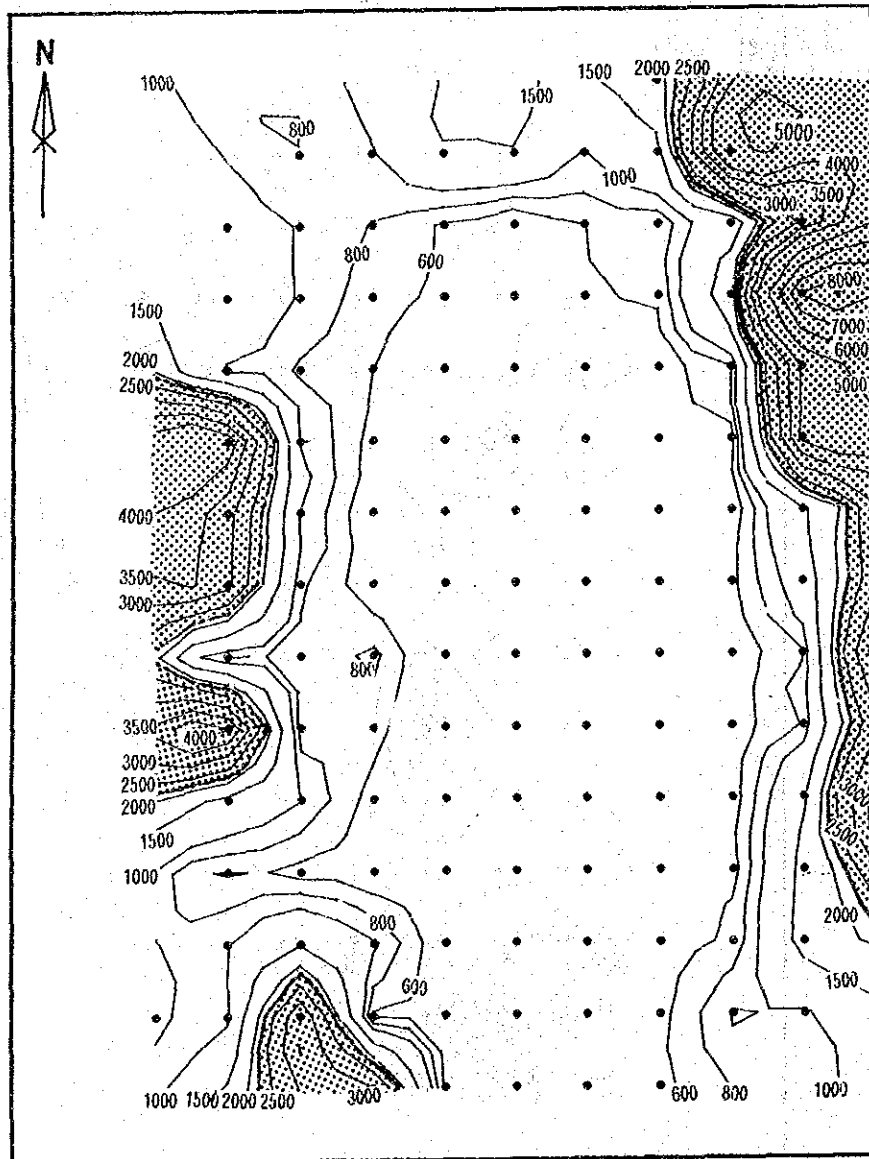
ANOMALY ZONE
 THRESHOLD CONTOUR LINE



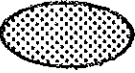
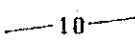

CONTOUR LINE AND
 CONTOUR VALUE (cps)

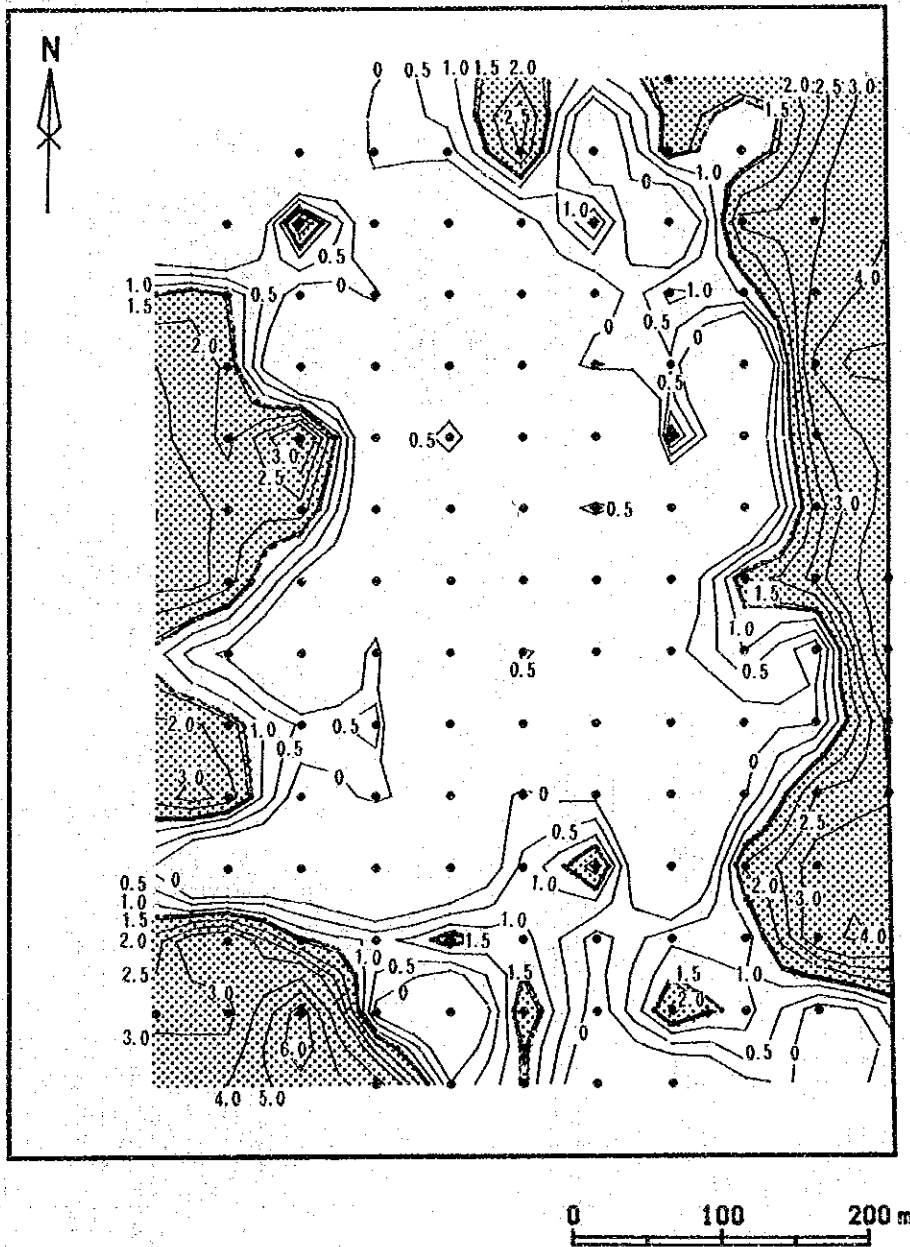


SAMPLE POINT

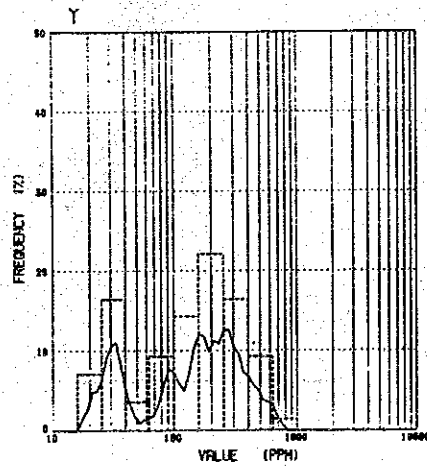
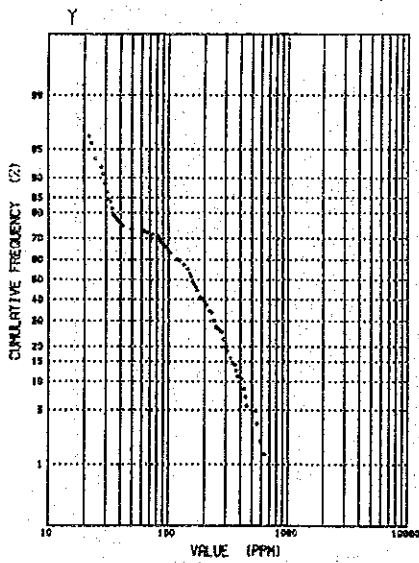
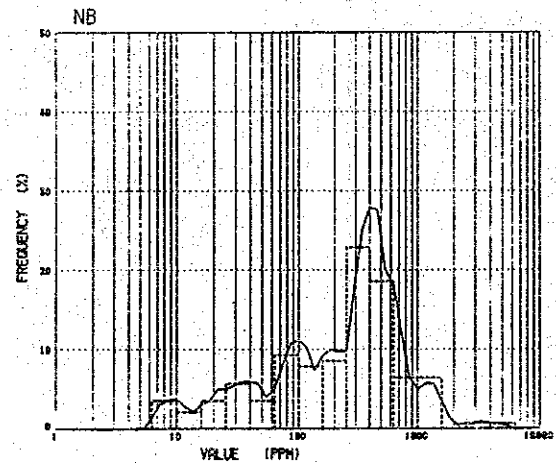
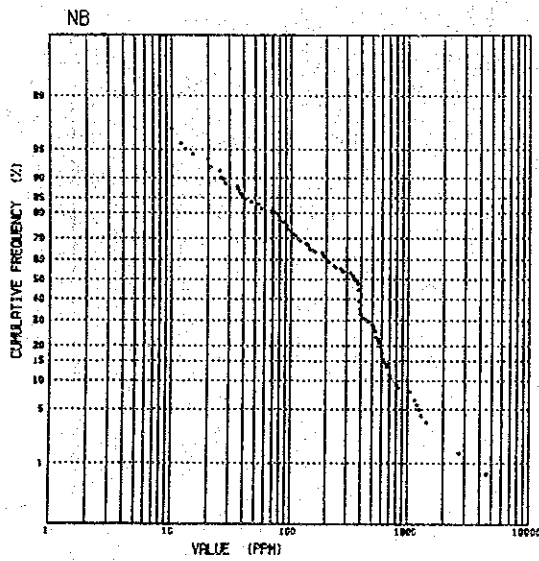
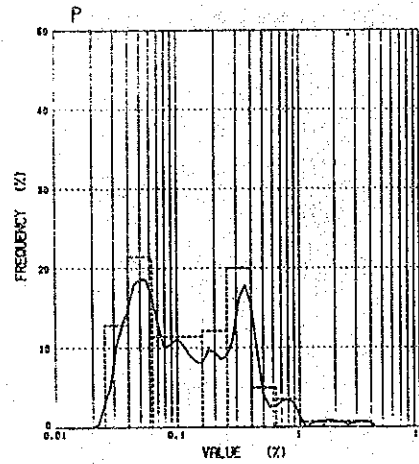
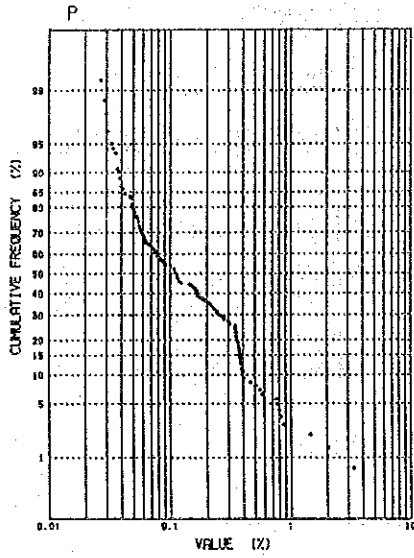


AREA NAME = KUGE
 FILE NAME = KZ1
 NO. OF SAMPLE = 126
 CONTOUR VALUE
 MAXIMUM = 6
 MINIMUM = 0
 THRESHOLD = 1.4
 MAP SCALE = 1:5000

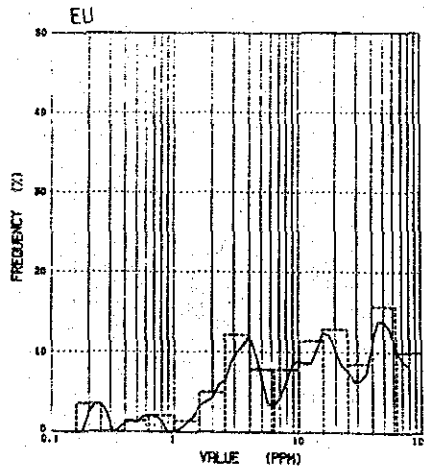
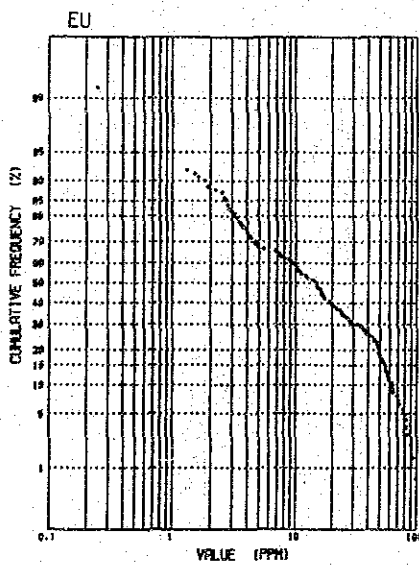
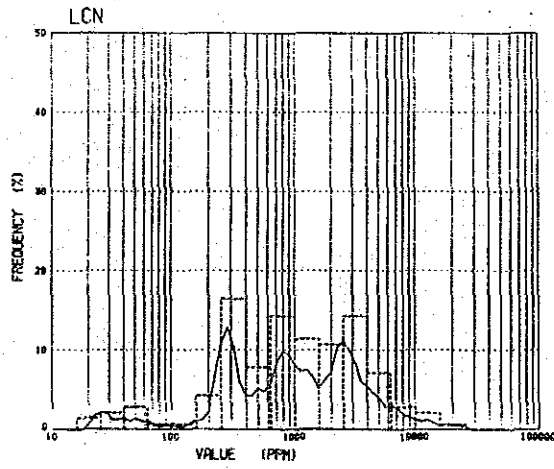
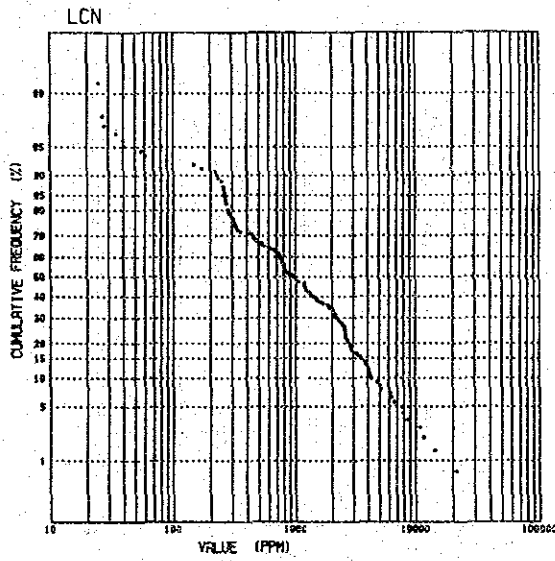
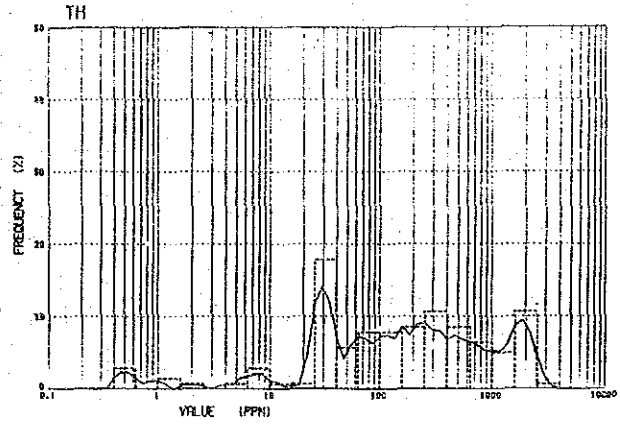
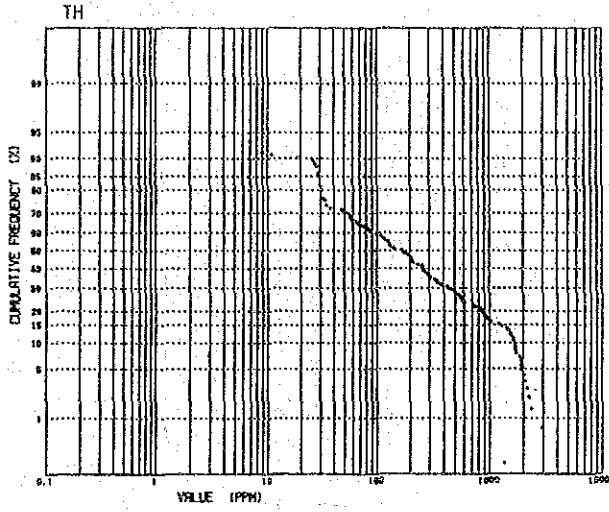
LEGEND
 ANOMALY ZONE
 THRESHOLD CONTOUR LINE
 CONTOUR LINE AND
 CONTOUR VALUE (SCORE)
 SAMPLE POINT



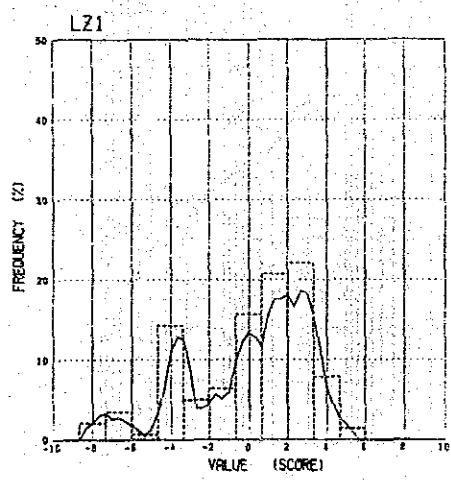
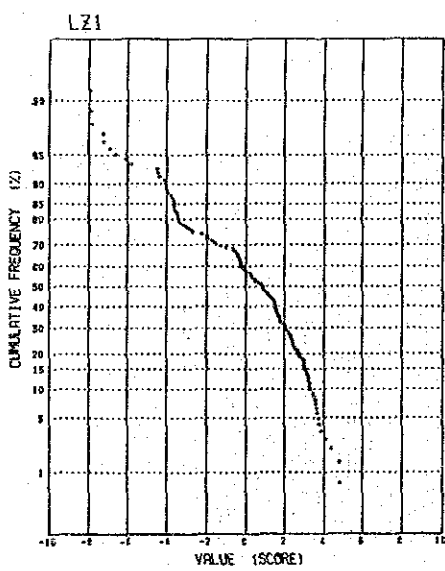
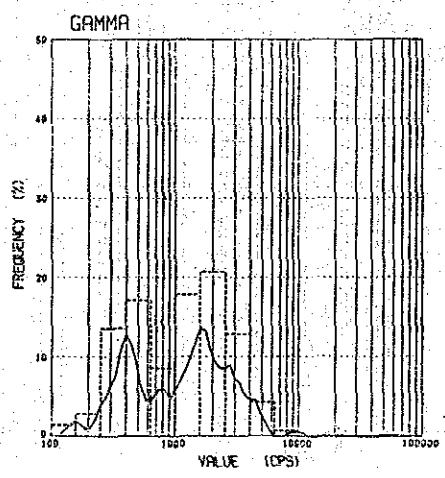
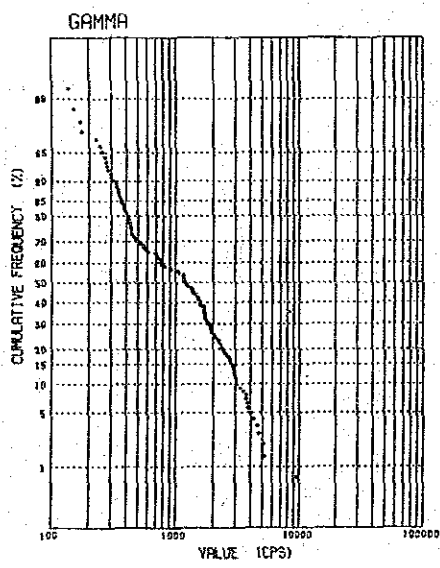
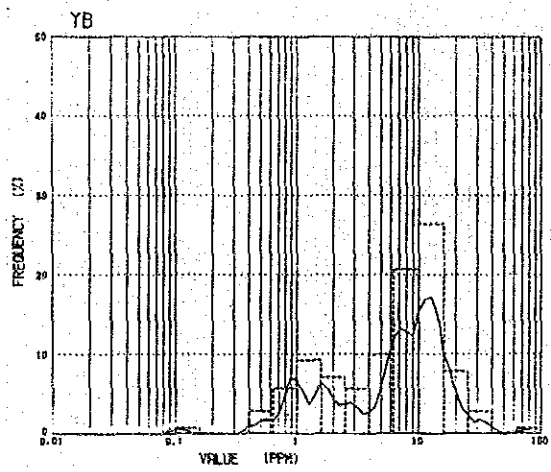
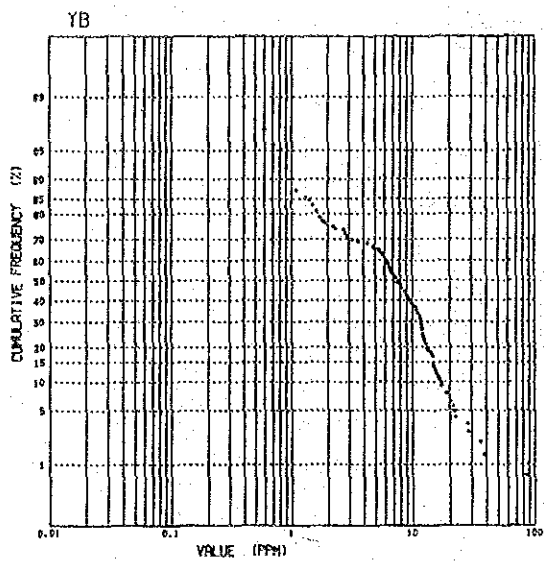
Apx. 58 Geochemical Density and Anomaly Map of Z1 Component -- Kuge Sector --
 A-115



Apx. 59 Cumulative Frequency Distributions and Histograms of Elements — Lwala Sector —

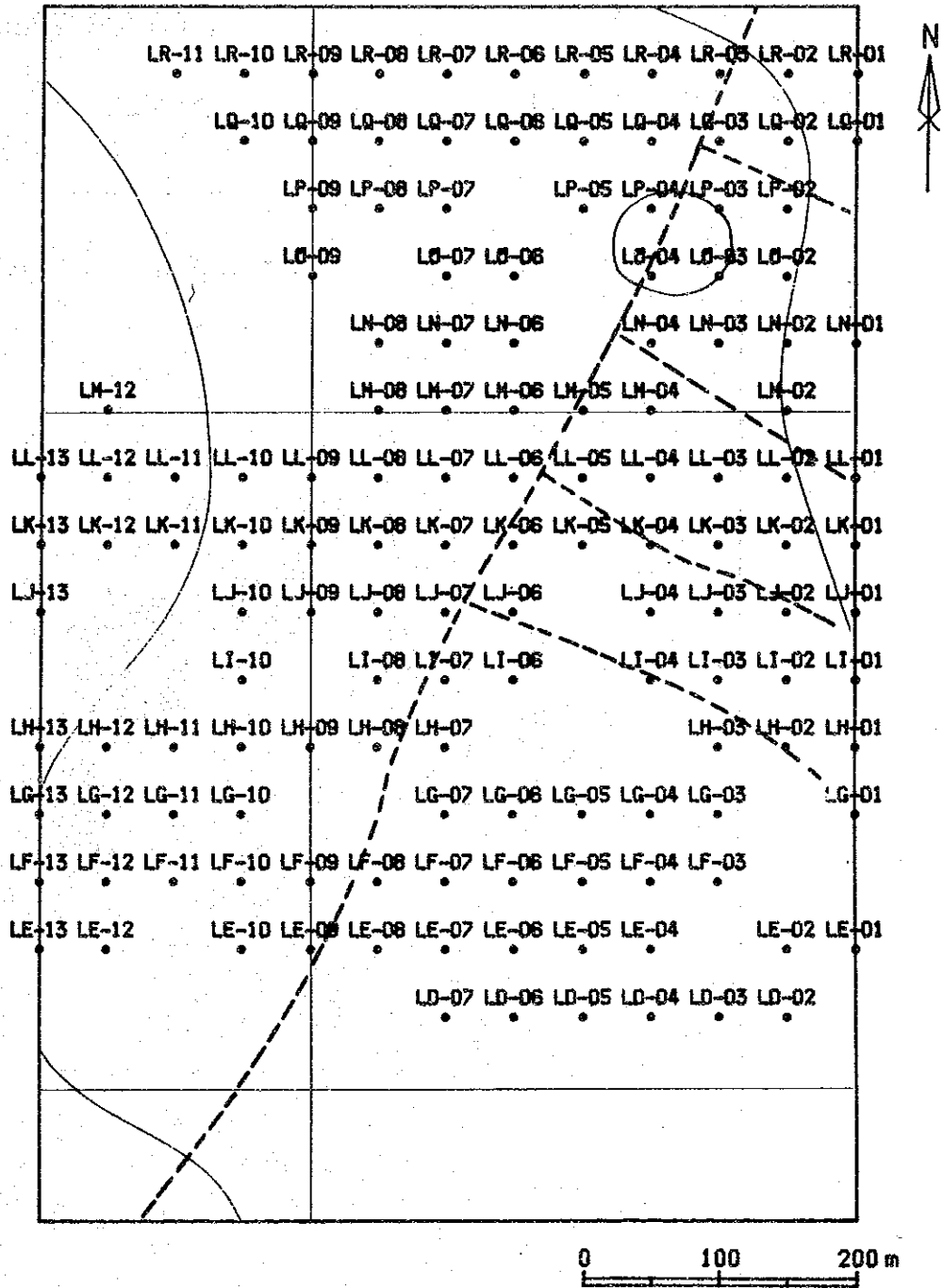


Apx. 59 Cumulative Frequency Distributions and Histograms of Elements – Lwala Sector –



Apx. 59 Cumulative Frequency Distributions and Histograms of Elements – Lwala Sector –

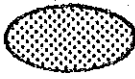
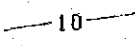
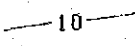

LWALA AREA

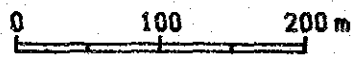
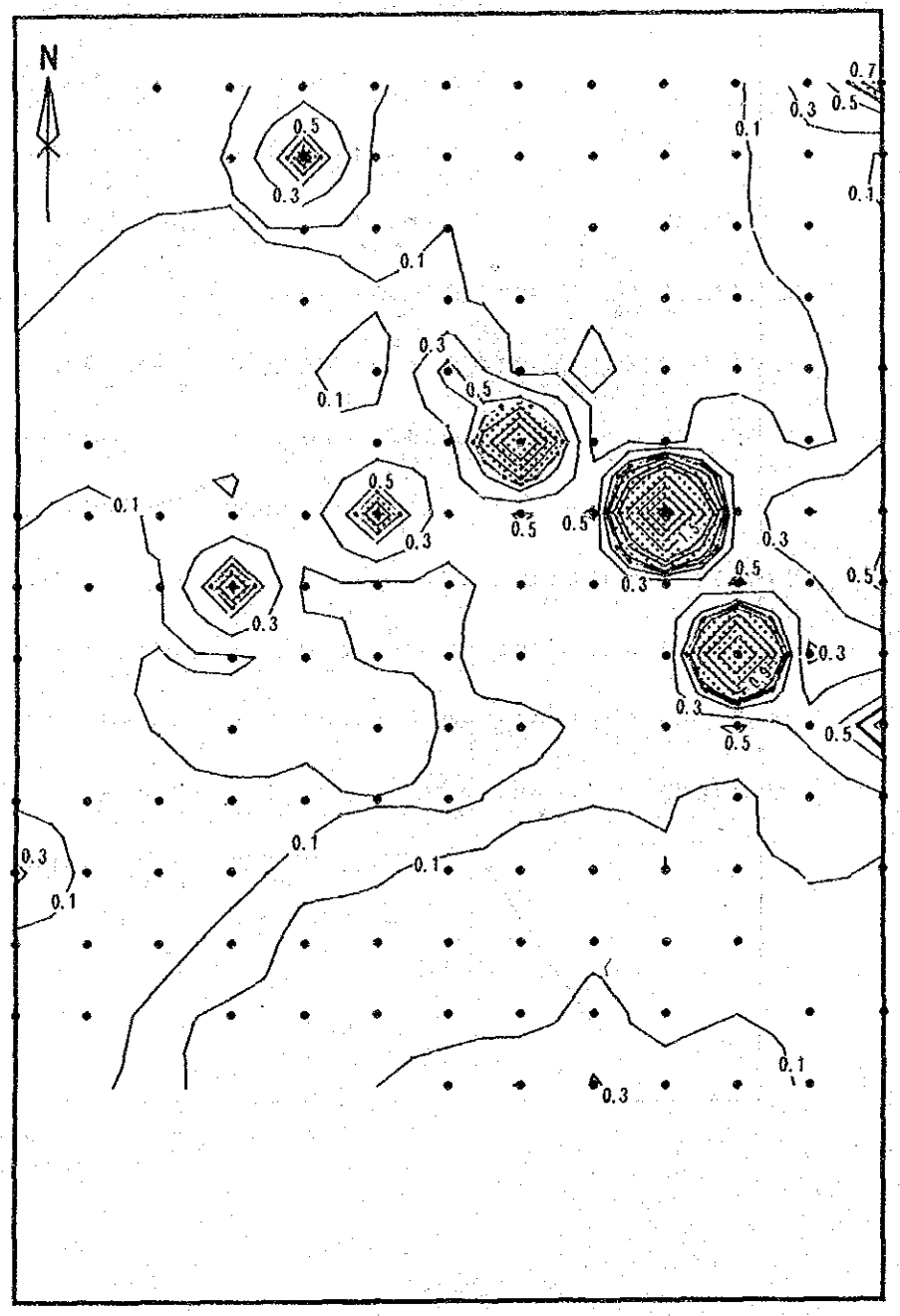


Apx. 60 Location Map of Geochemical Samples – Lwala Sector –

AREA NAME = LWALA
 FILE NAME = P
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 3
 MINIMUM = .1
 THRESHOLD = .6
 MAP SCALE = 1:5000

LEGEND

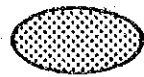

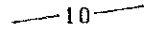

-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (%)
-  SAMPLE POINT

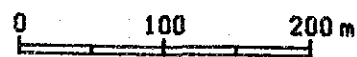
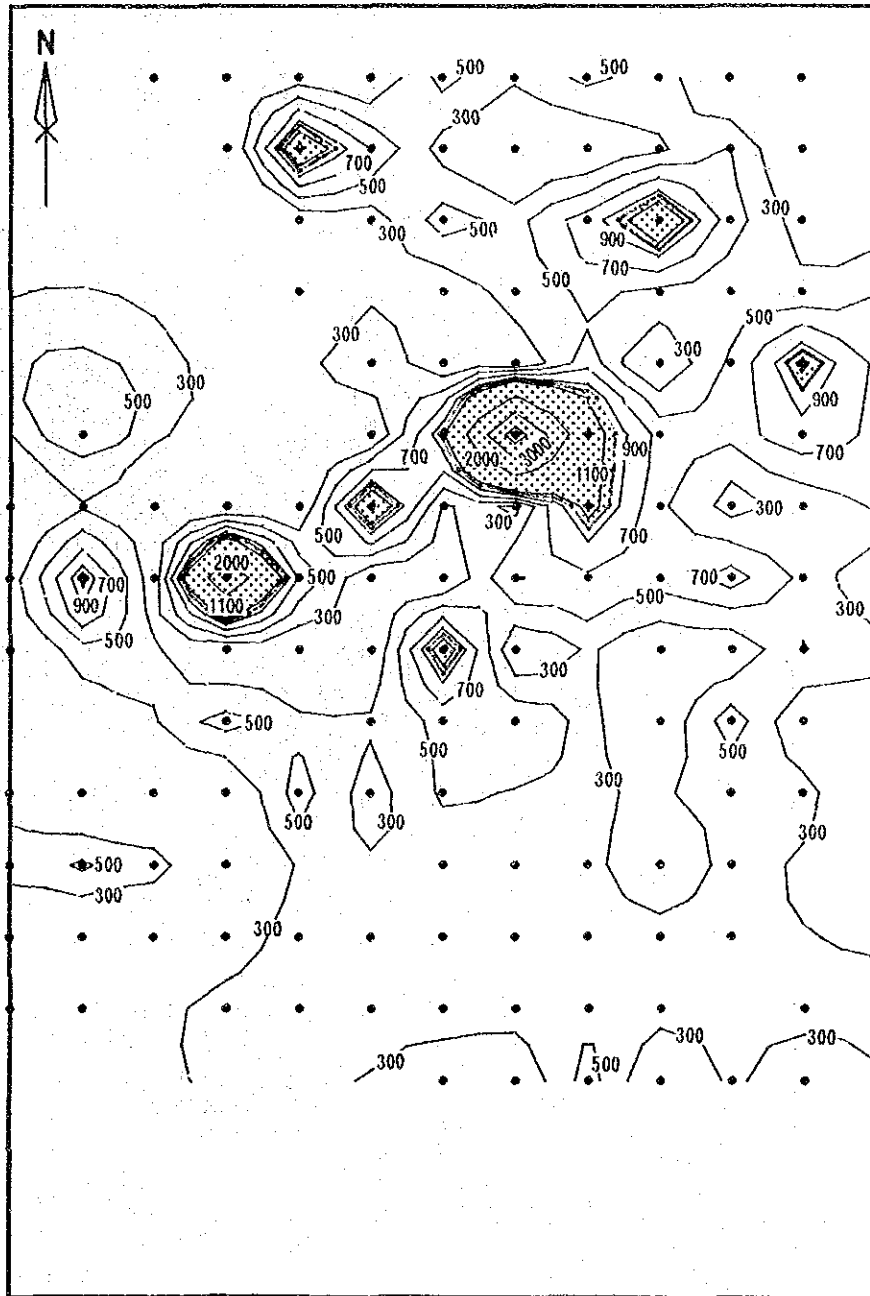


Apx. 61 Geochemical Density and Anomaly Map of P - Lwala Sector --

AREA NAME = LWALA
 FILE NAME = NB
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 4000
 MINIMUM = 300
 THRESHOLD = 1000
 MAP SCALE = 1:5000

LEGEND

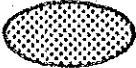

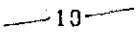

-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT

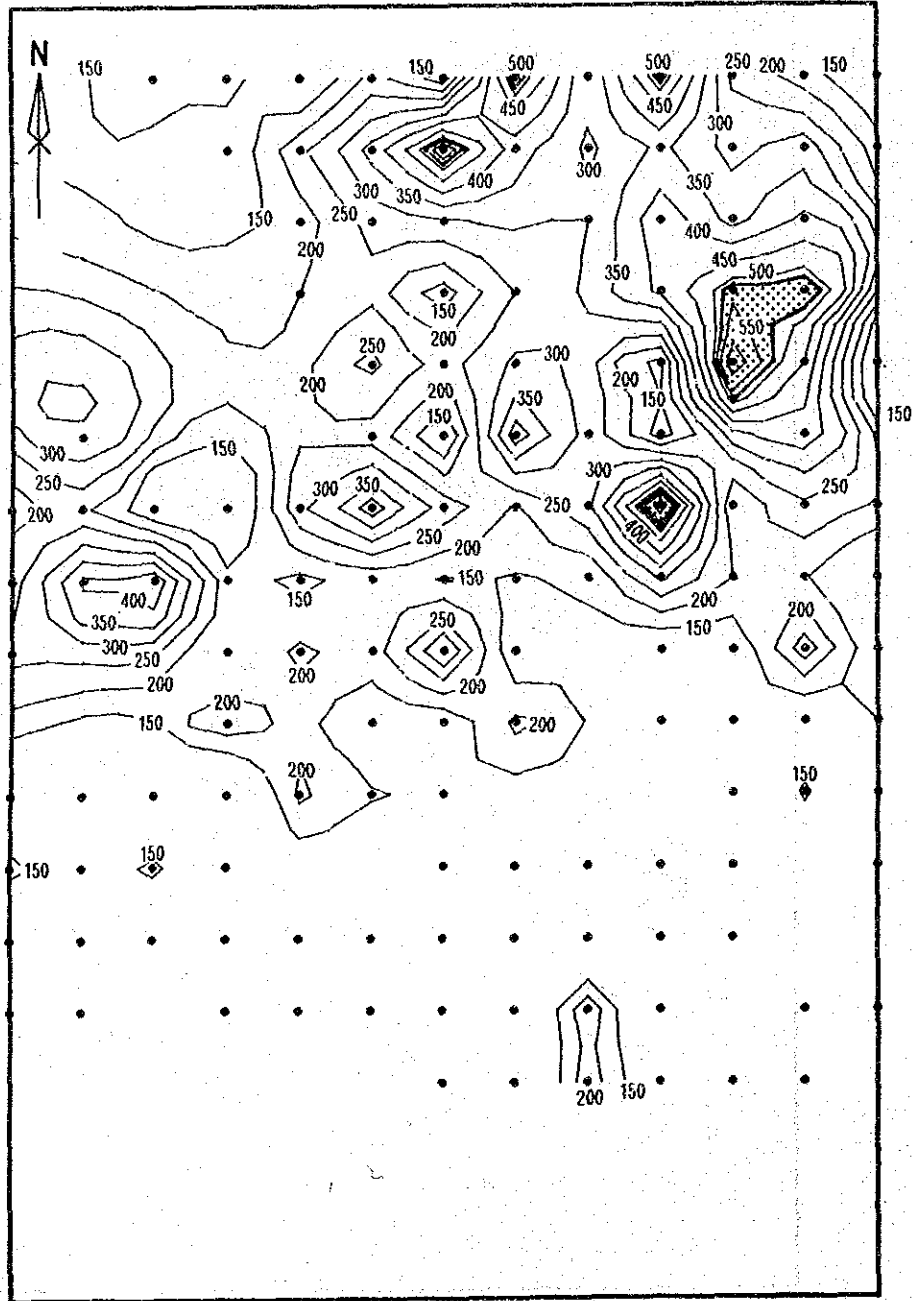


Apx. 62 Geochemical Density and Anomaly Map of Nb – Lwala Sector –

AREA NAME = LWALA
 FILE NAME = Y
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 600
 MINIMUM = 150
 INTERVAL = 50
 THRESHOLD = 520
 MAP SCALE = 1:5000

LEGEND

-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT



Apx. 63 Geochemical Density and Anomaly Map of Y - Lwala Sector --

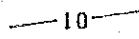
AREA NAME = LWALA
 FILE NAME = TH
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 2500
 MINIMUM = 200
 THRESHOLD = 1100
 MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

THRESHOLD CONTOUR LINE

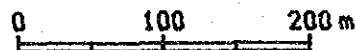
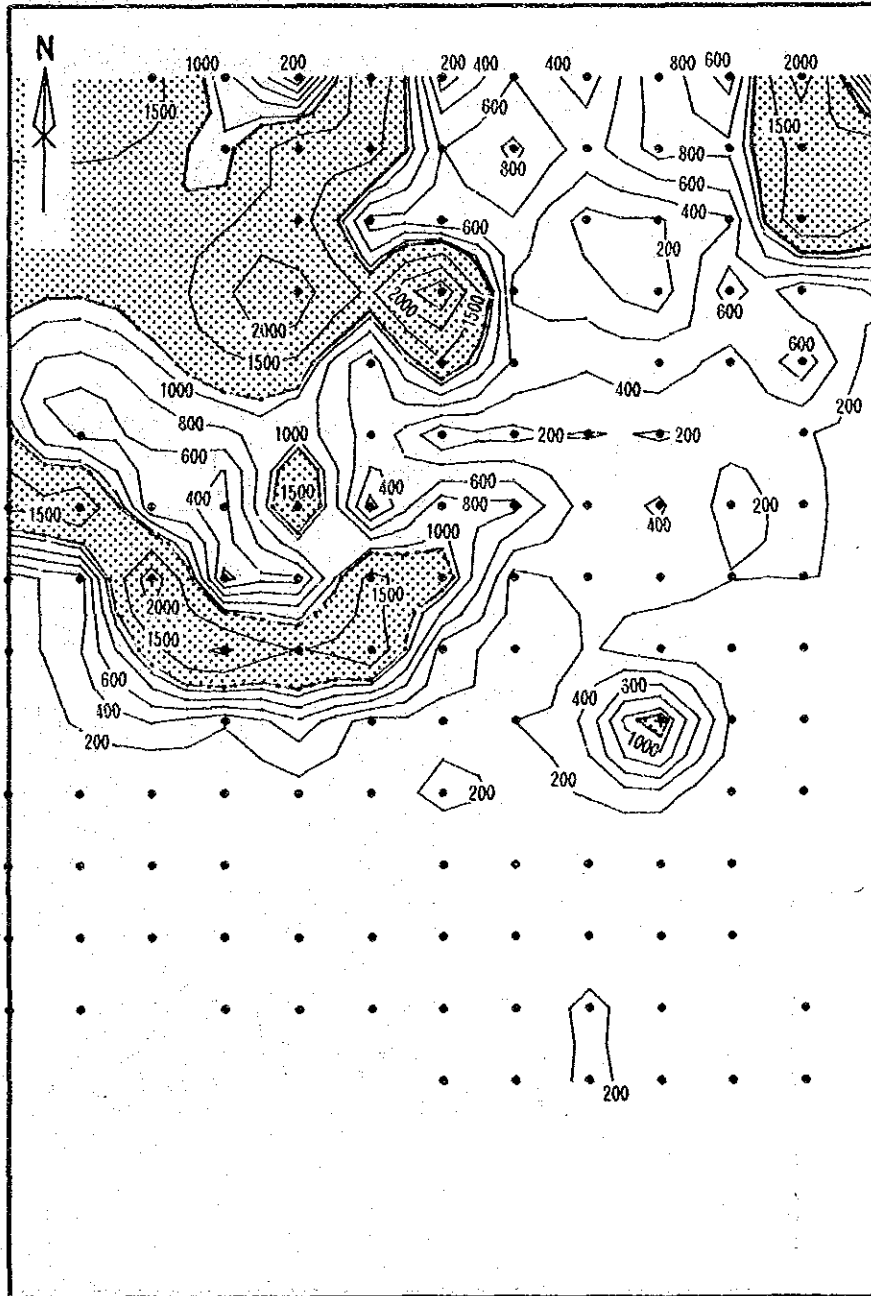


CONTOUR LINE AND

CONTOUR VALUE (ppm)



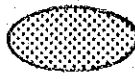
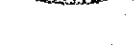
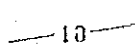

SAMPLE POINT

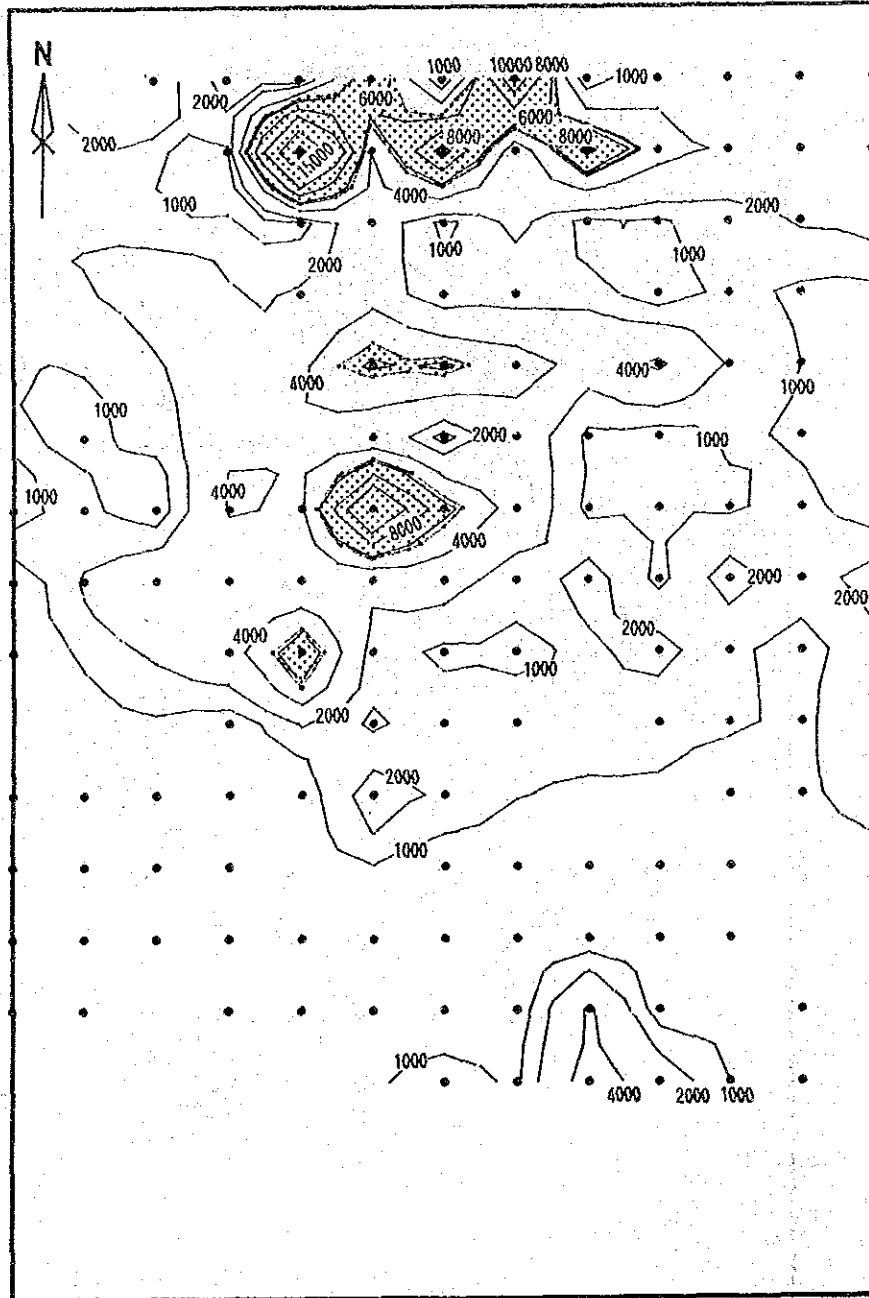


Apx. 64 Geochemical Density and Anomaly Map of Th - Lwala Sector -

AREA NAME = LWALA
 FILE NAME = LCN
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 20000
 MINIMUM = 1000
 THRESHOLD = 5600
 MAP SCALE = 1:5000

LEGEND

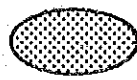
-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT



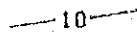
Apx. 65 Geochemical Density and Anomaly Map of La+Ce+Nd -- Lwala Sector --

AREA NAME = LWALA
 FILE NAME = EU
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 95
 MINIMUM = 15
 INTERVAL = 10
 THRESHOLD = 69
 MAP SCALE = 1:5000

LEGEND



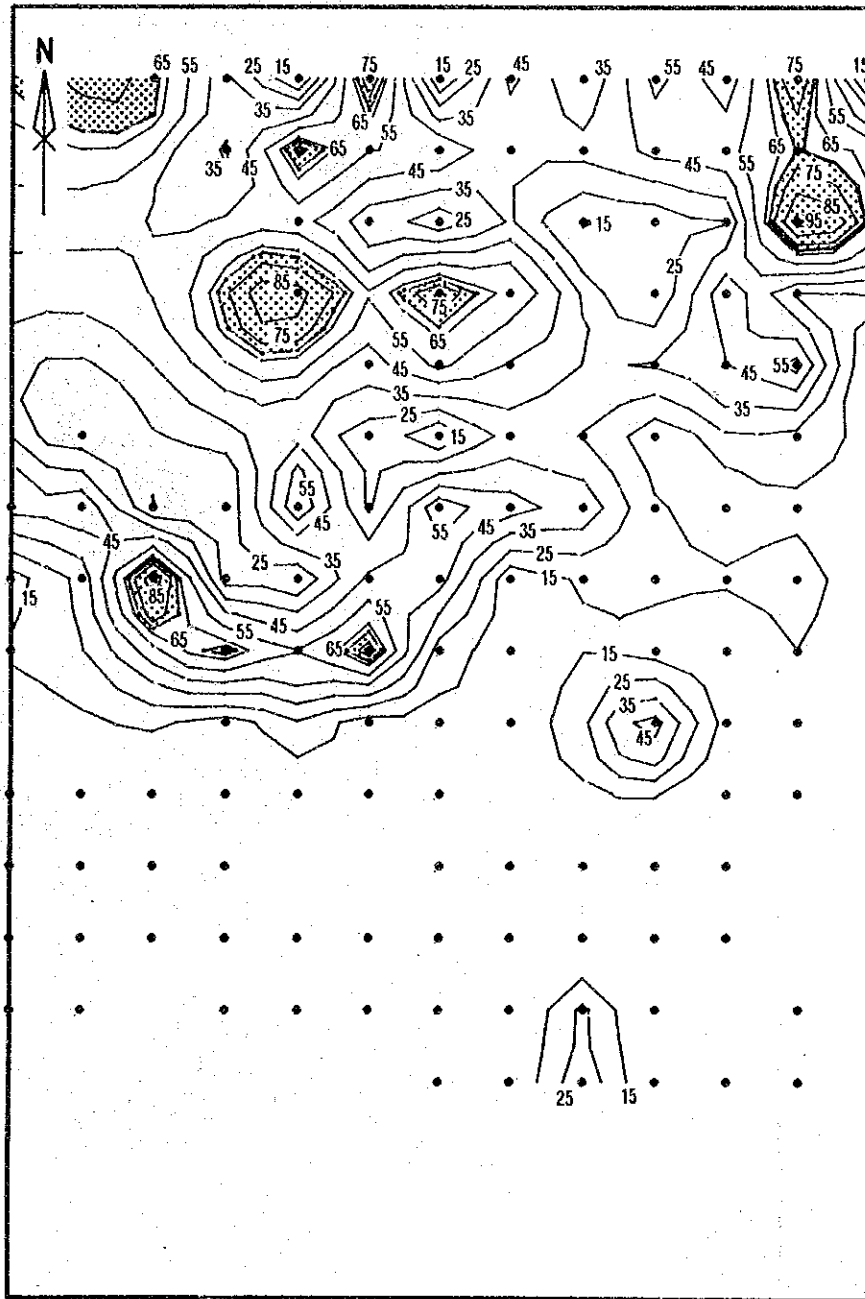
ANOMALY ZONE
 THRESHOLD CONTOUR LINE



CONTOUR LINE AND
 CONTOUR VALUE (ppm)

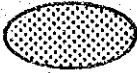
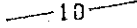
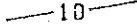



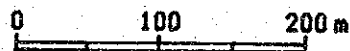
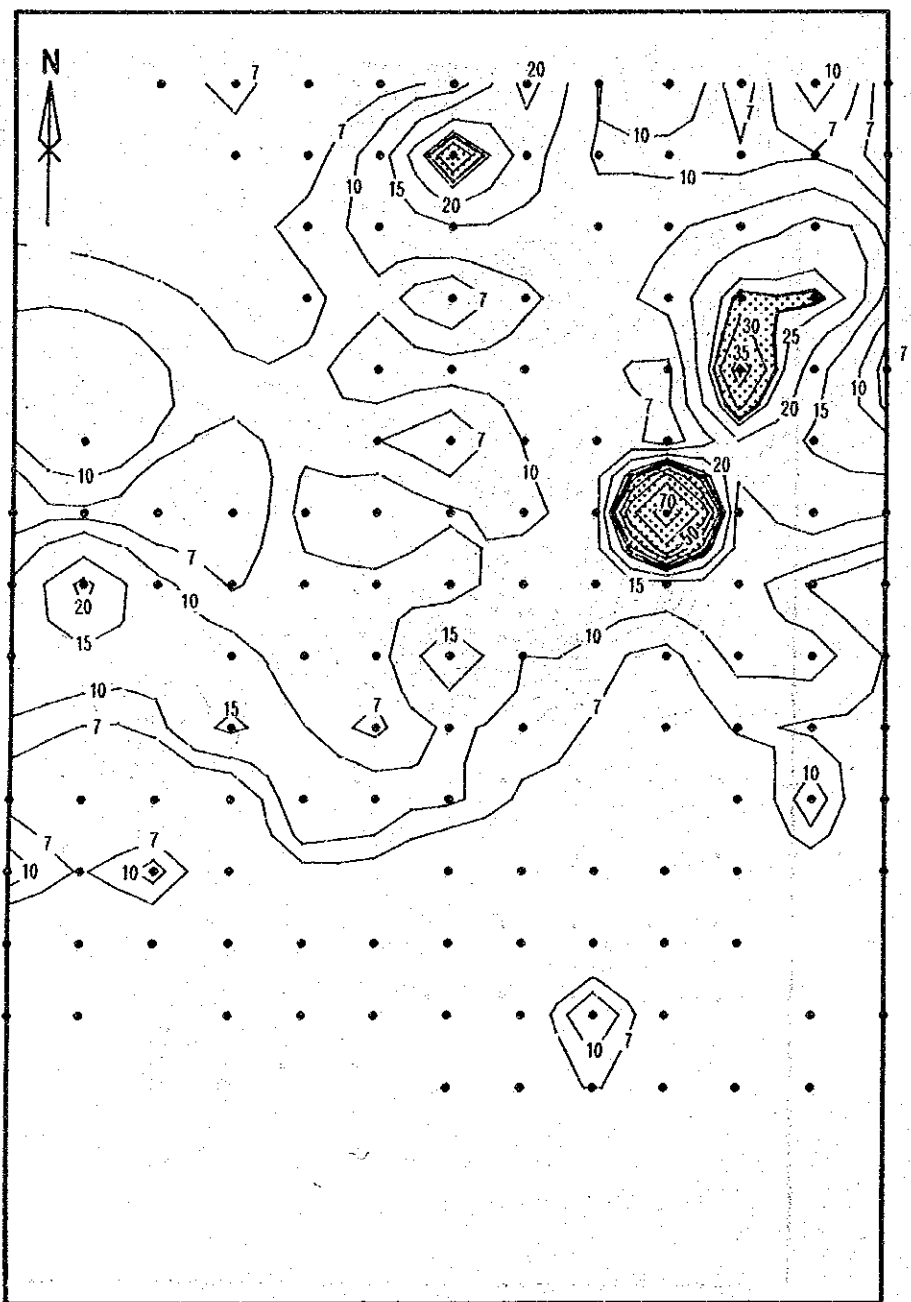
SAMPLE POINT



Apx. 66 Geochemical Density and Anomaly Map of Eu -Lwala Sector --

AREA NAME = LWALA
 FILE NAME = YB
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 70
 MINIMUM = 7
 THRESHOLD = 27
 MAP SCALE = 1:5000

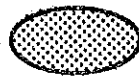
LEGEND
 ANOMALY ZONE
 THRESHOLD CONTOUR LINE
 CONTOUR LINE AND
 CONTOUR VALUE (ppm)
 SAMPLE POINT



Apx. 67 Geochemical Density and Anomaly Map of Yb - Lwala Sector -

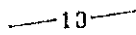
AREA NAME = LWALA
 FILE NAME = GAMMA
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 9000
 MINIMUM = 1500
 THRESHOLD = 4000
 MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

THRESHOLD CONTOUR LINE

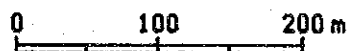
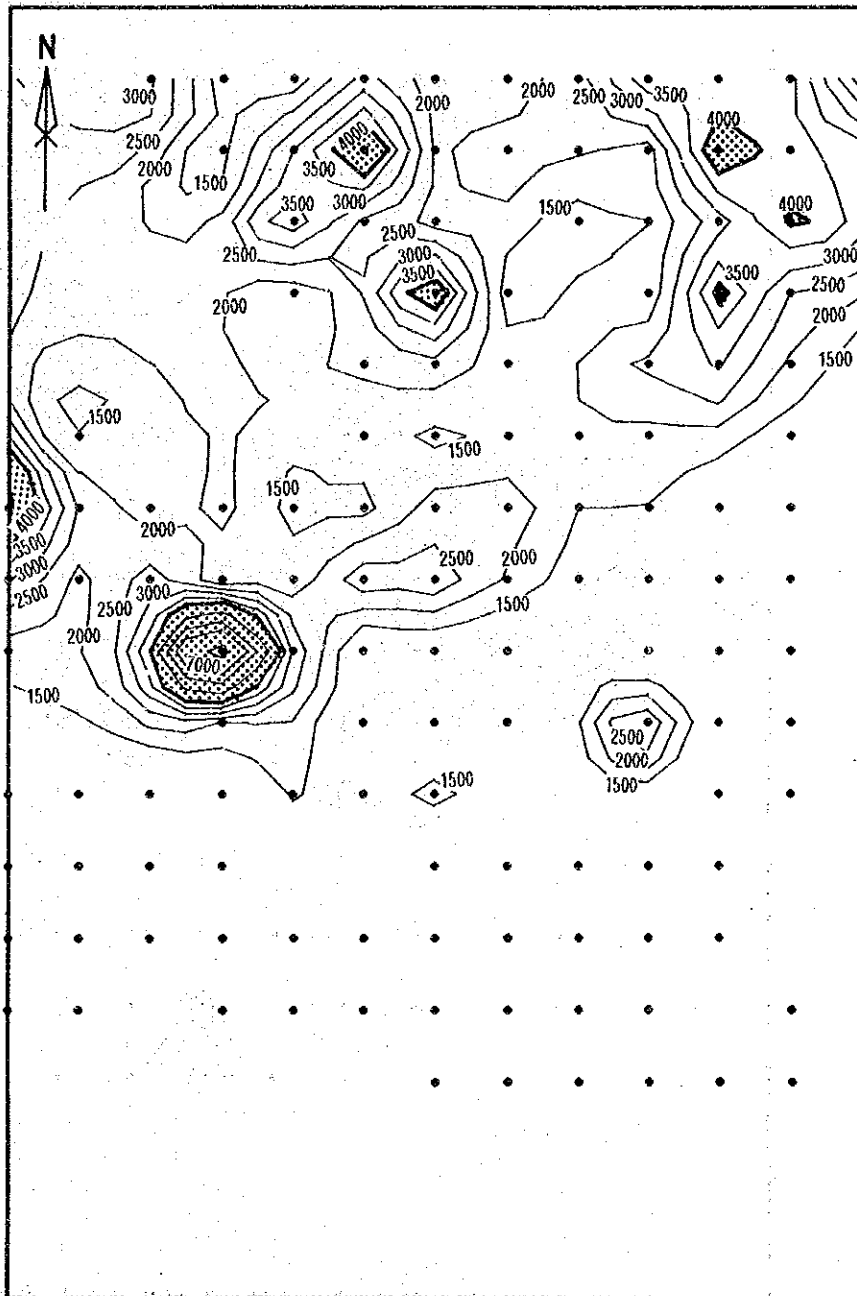


CONTOUR LINE AND

CONTOUR VALUE (cps)


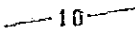



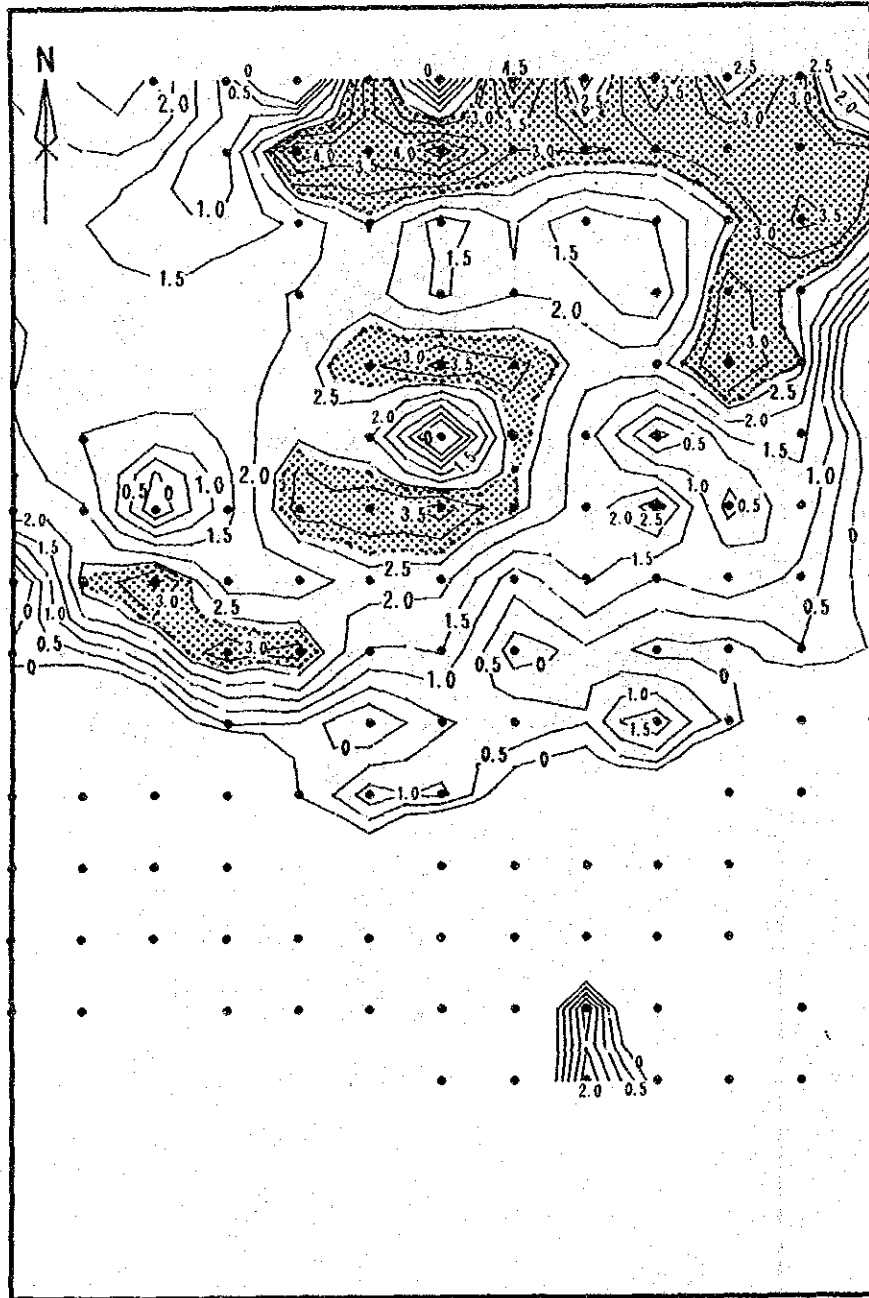
SAMPLE POINT



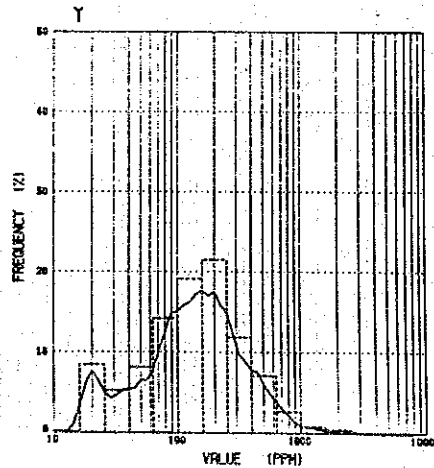
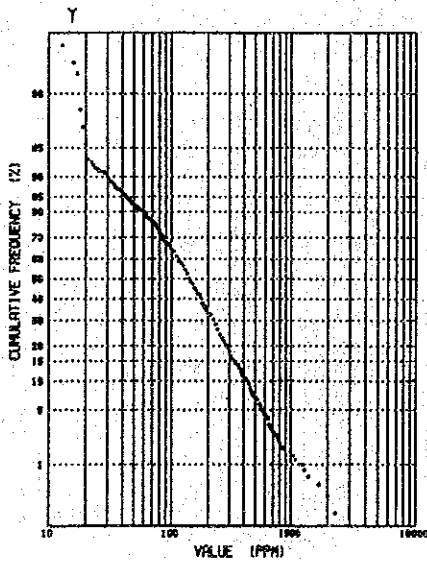
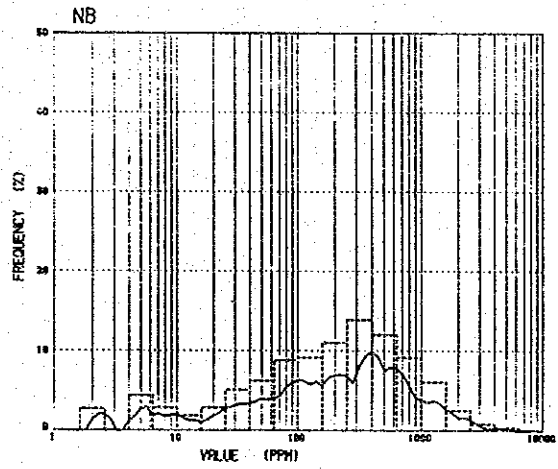
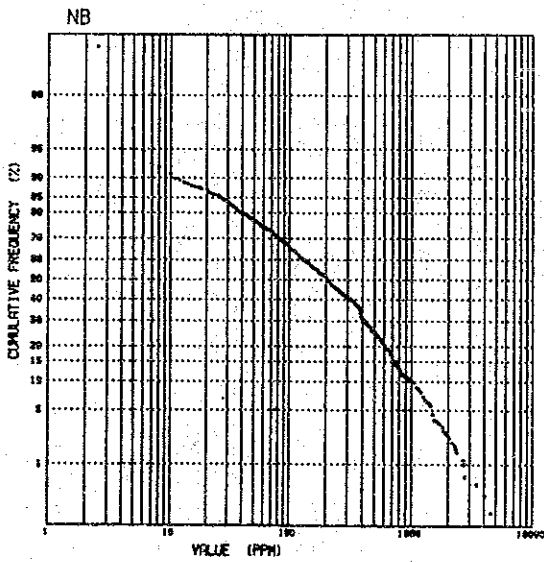
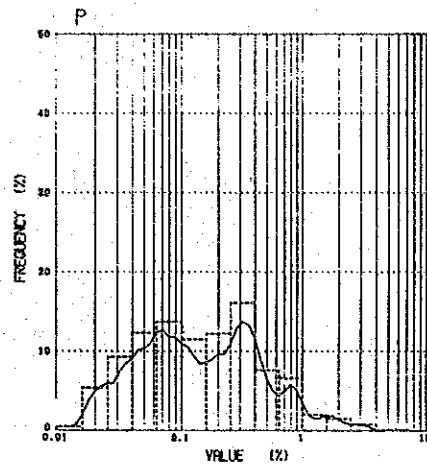
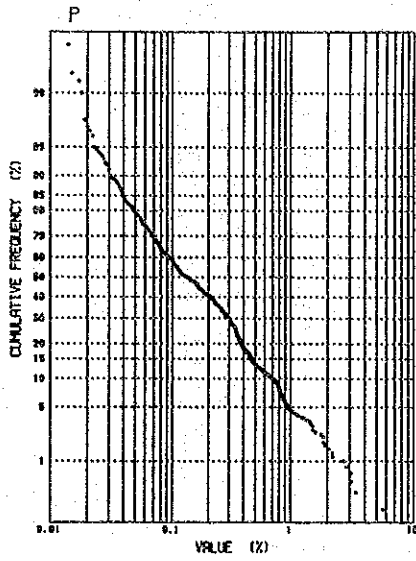
Apx. 68 Geochemical Density and Anomaly Map of γ -Ray - Lwala Sector -

AREA NAME = LWALA
 FILE NAME = LZ1
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 4.5
 MINIMUM = 0
 INTERVAL = .5
 THRESHOLD = 2.7
 MAP SCALE = 1:5000

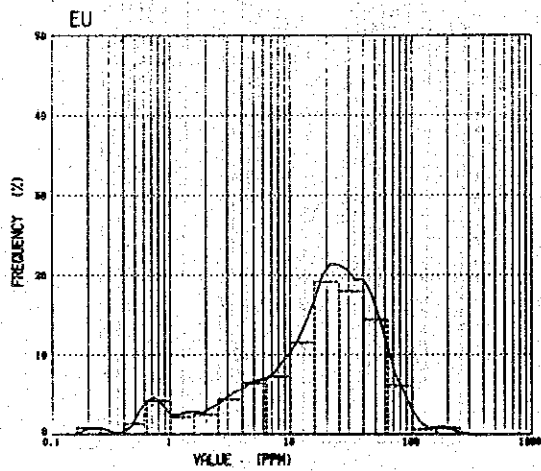
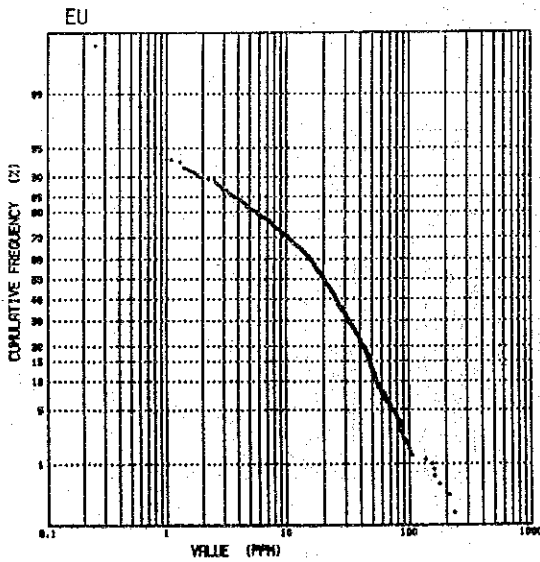
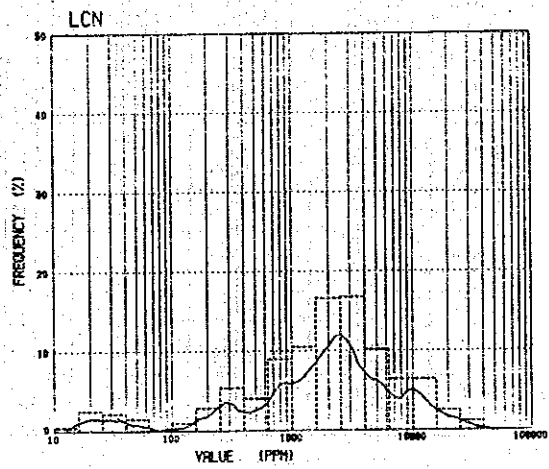
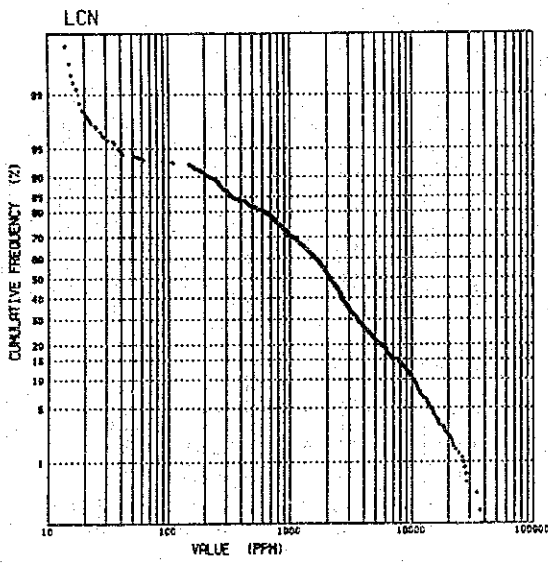
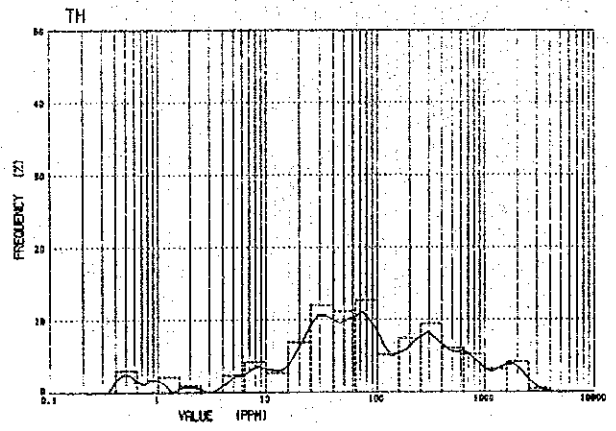
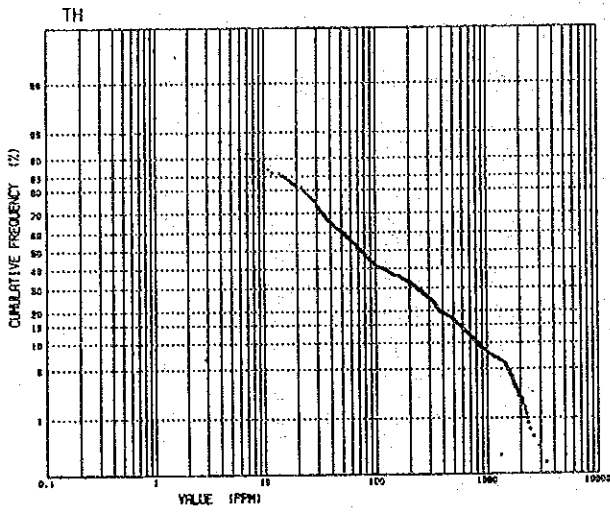
LEGEND
 ANOMALY ZONE
 THRESHOLD CONTOUR LINE
 CONTOUR LINE AND
 CONTOUR VALUE (SCORE)
 SAMPLE POINT



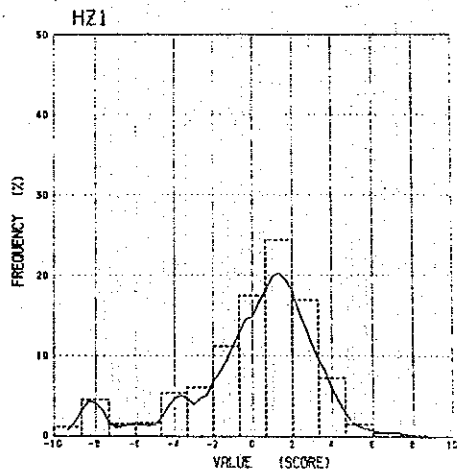
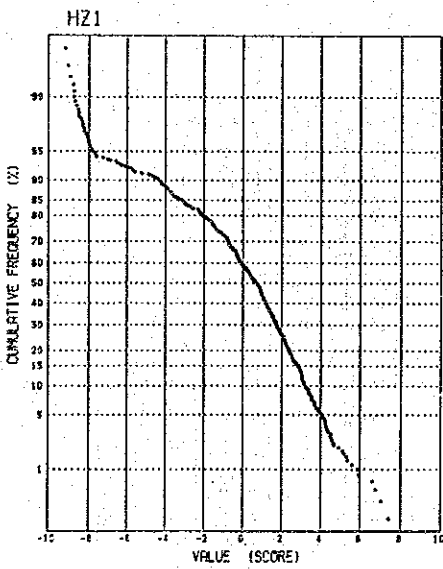
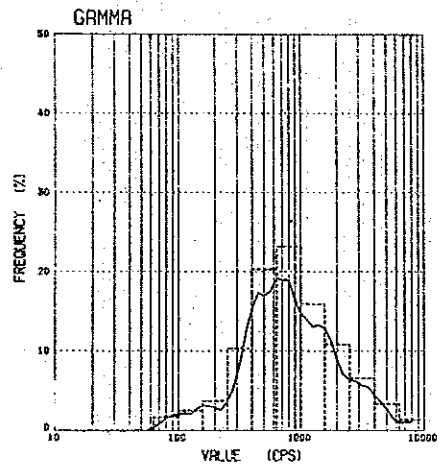
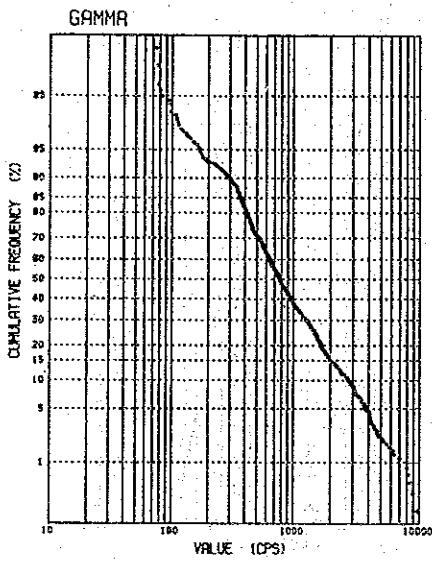
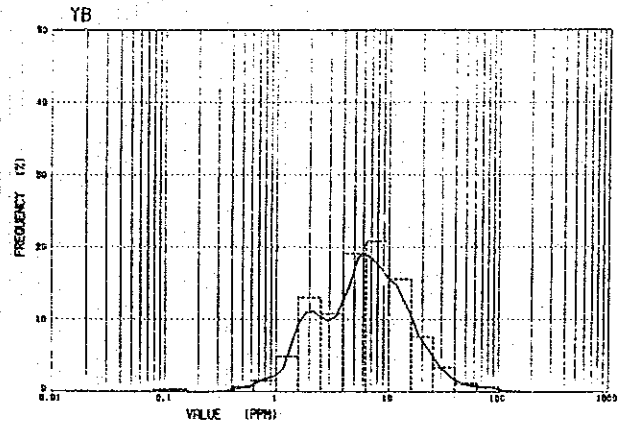
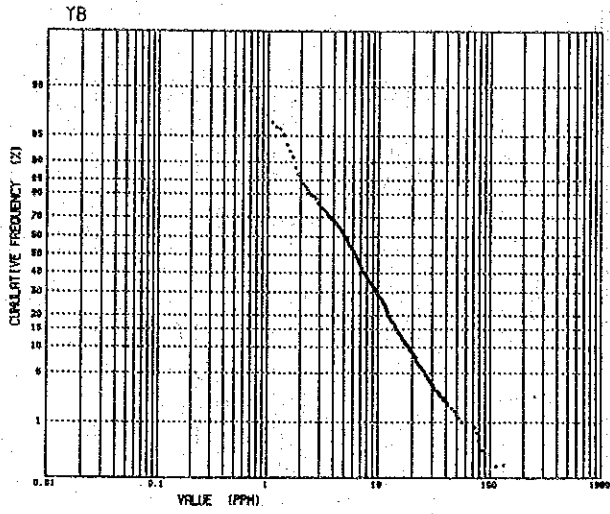
Apx. 69 Geochemical Density and Anomaly Map of Z1 Component -- Lwala Sector --
 A - 128



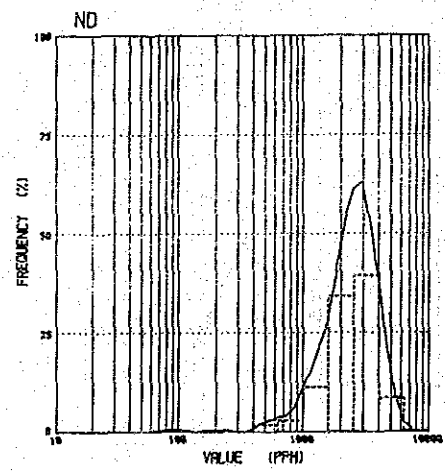
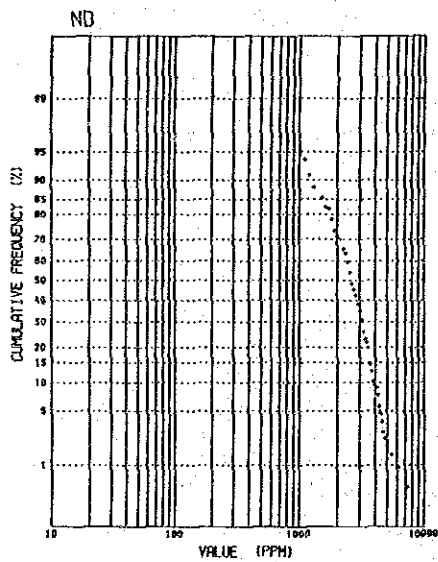
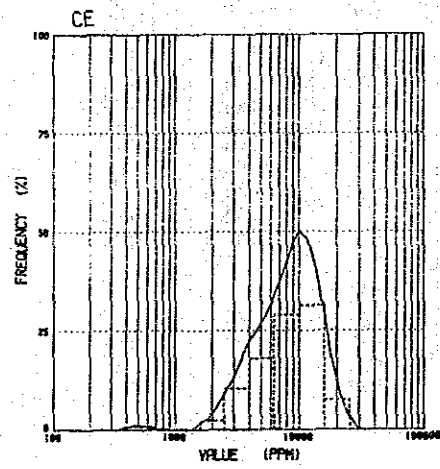
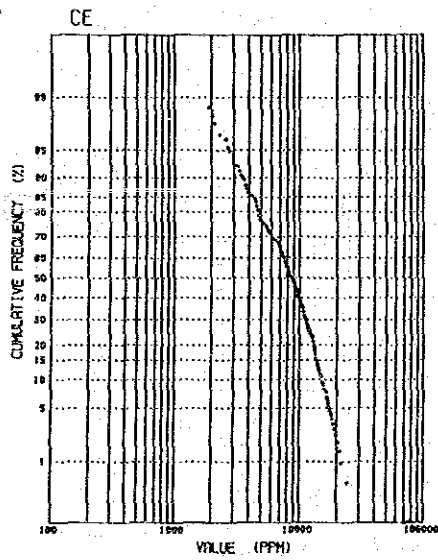
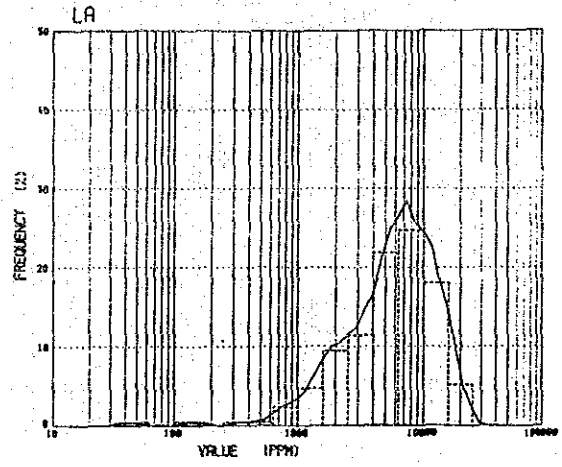
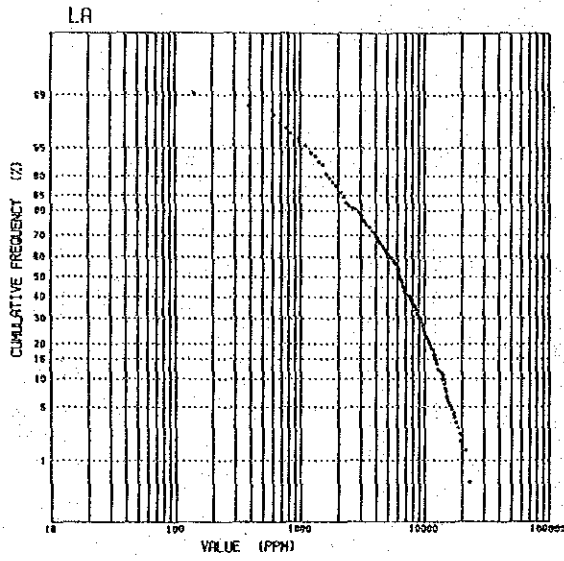
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements – All Geochemical Survey Areas –



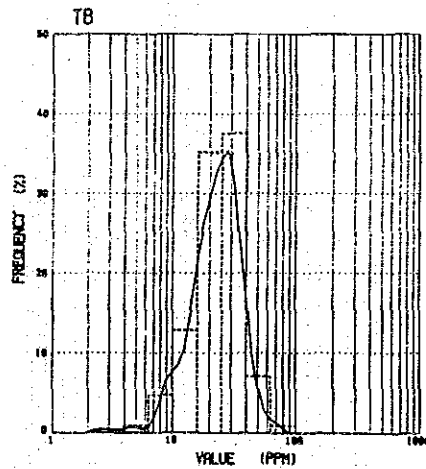
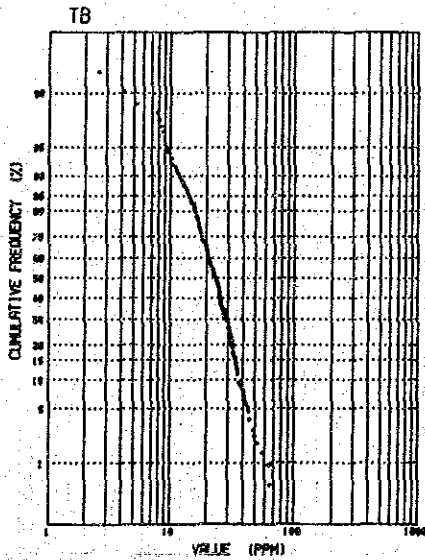
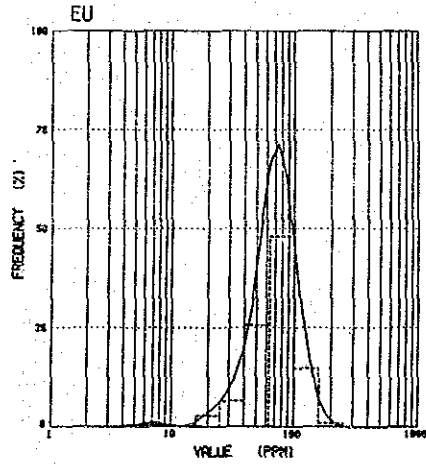
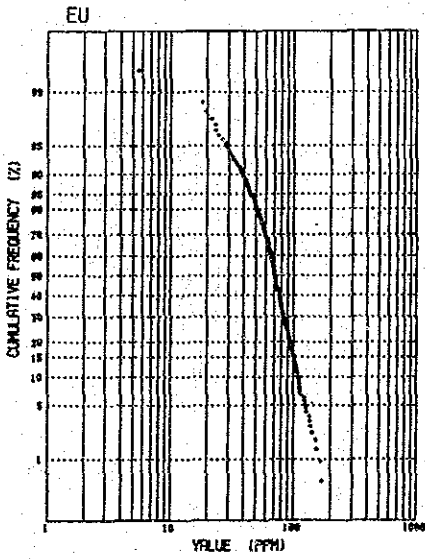
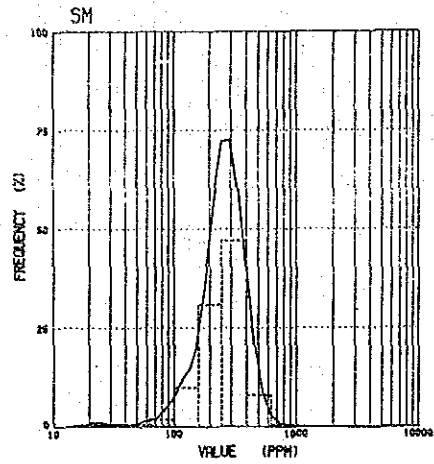
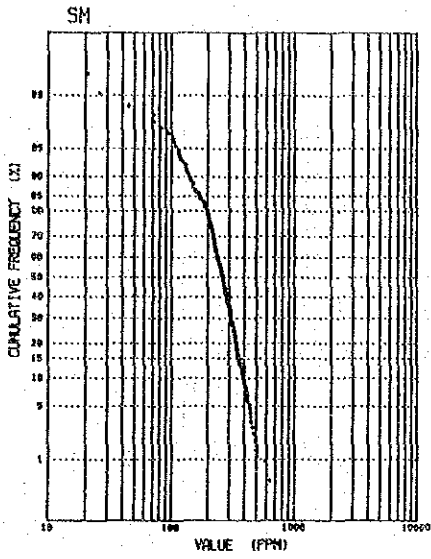
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements – All Geochemical Survey Areas –



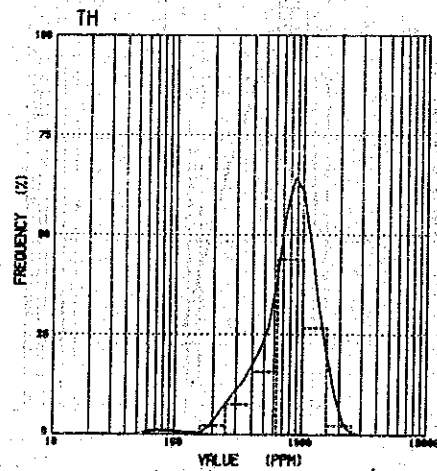
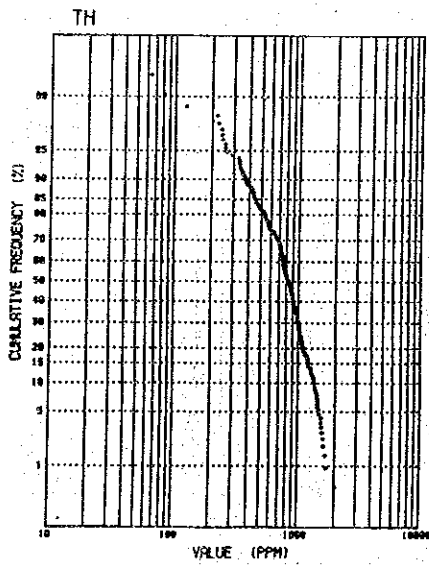
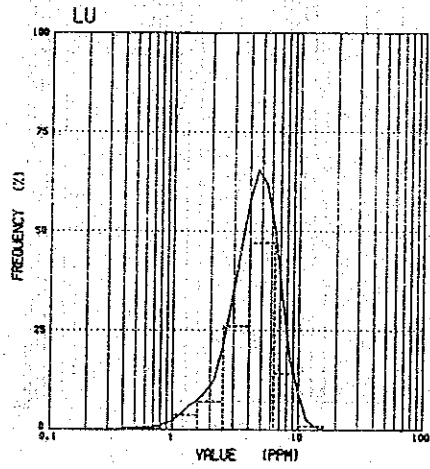
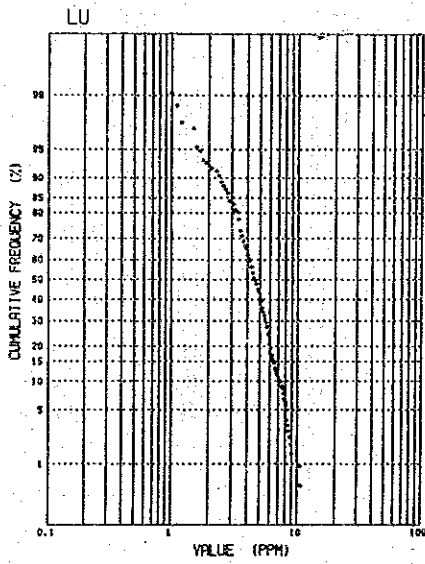
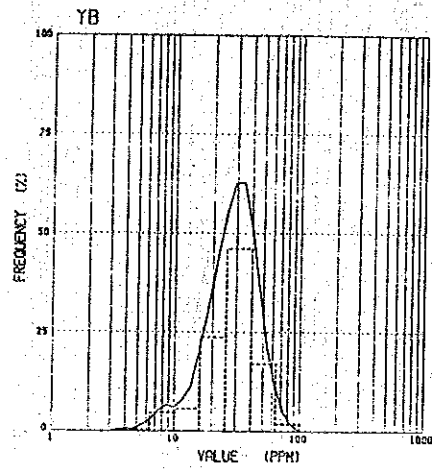
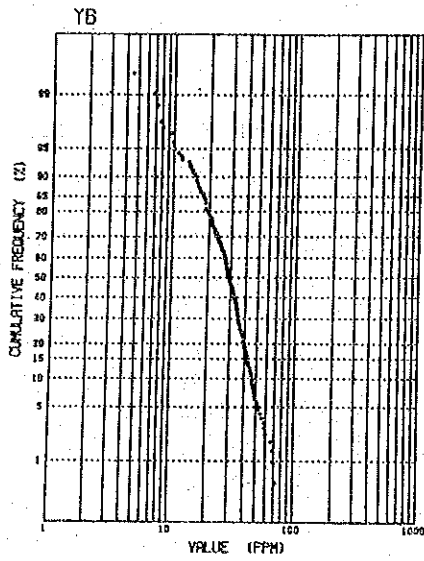
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements – All Geo-chemical Survey Areas –



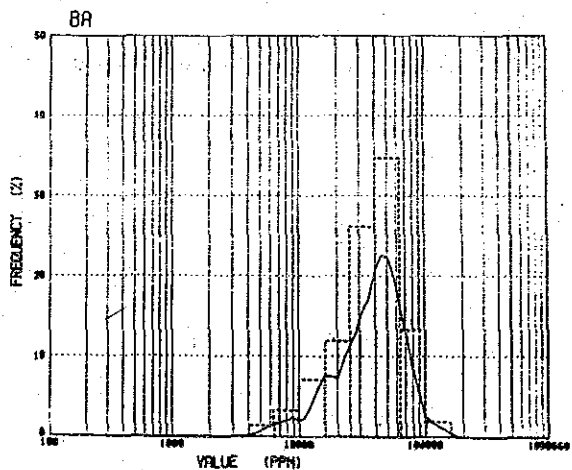
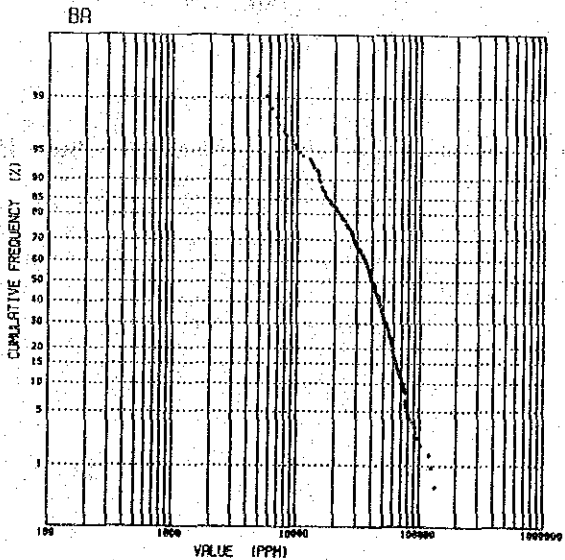
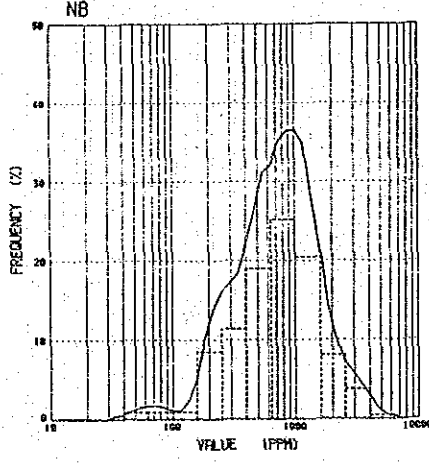
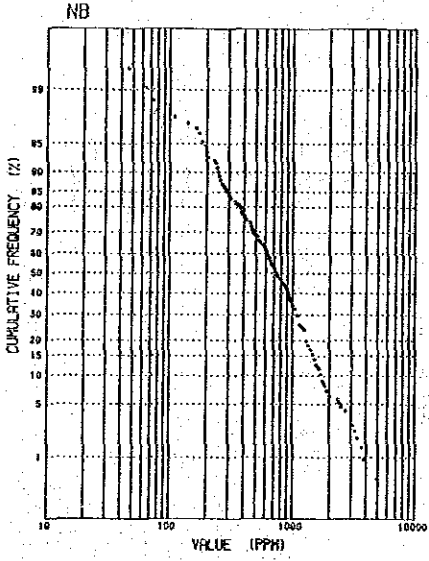
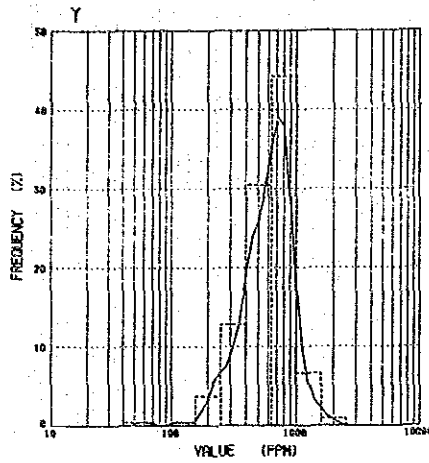
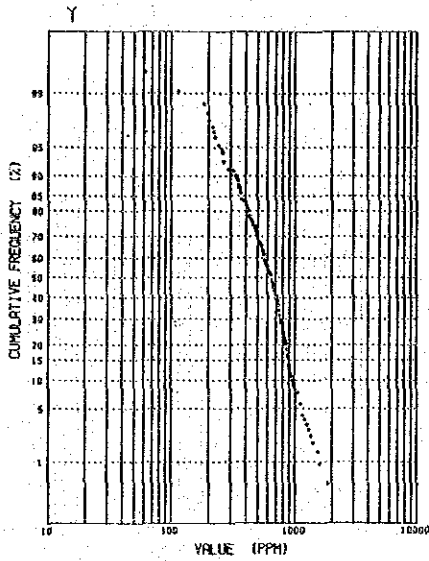
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements — Buru Hill Area —



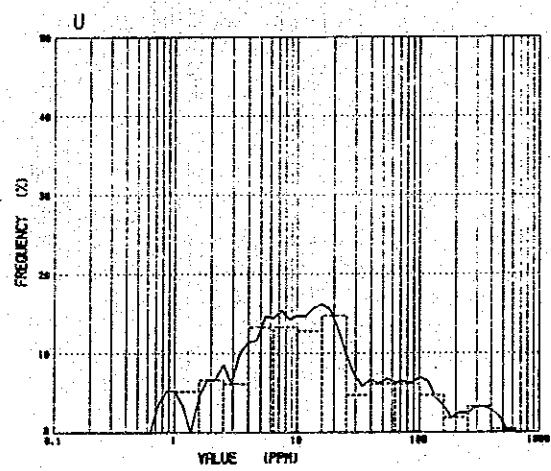
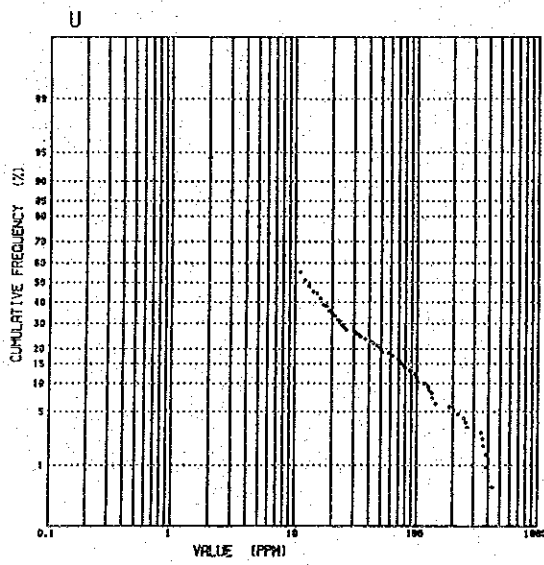
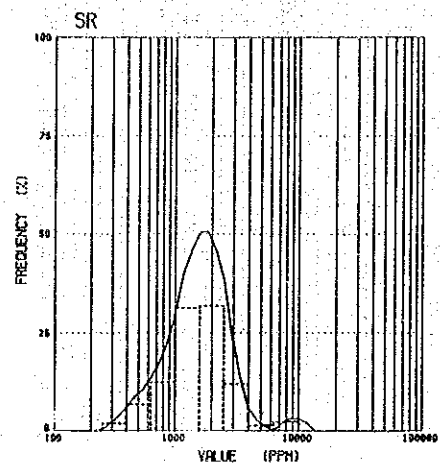
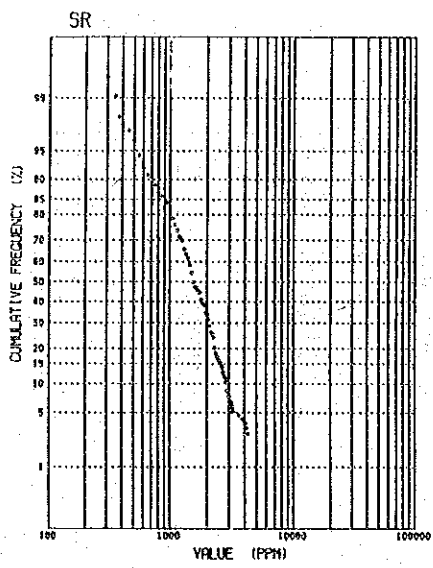
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements – Buru Hill Area –



Apx. 71 Cumulative Frequency Distributions and Histograms of Elements – Buru Hill Area –

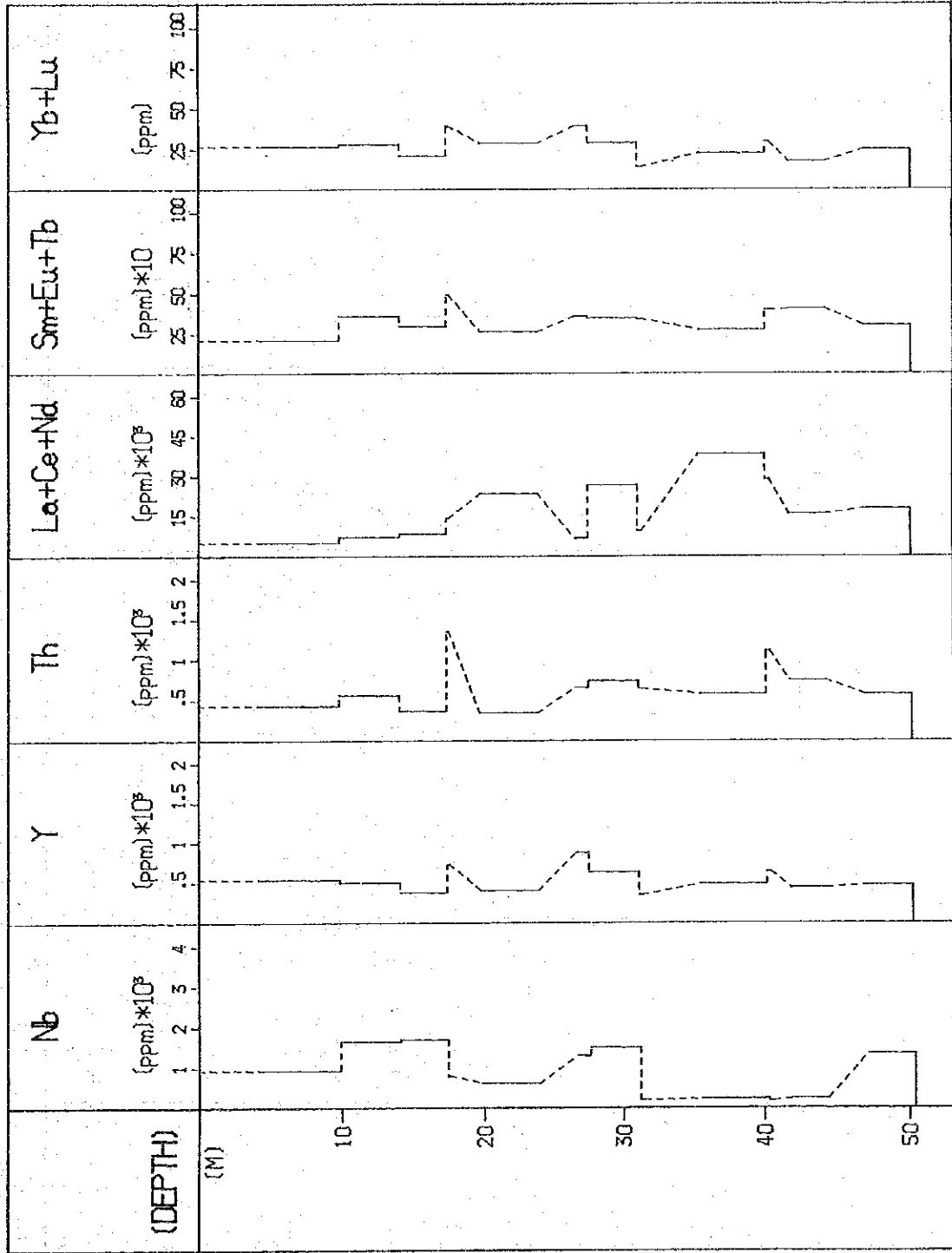


Apx. 71 Cumulative Frequency Distributions and Histograms of Elements — Buru Hill Area —



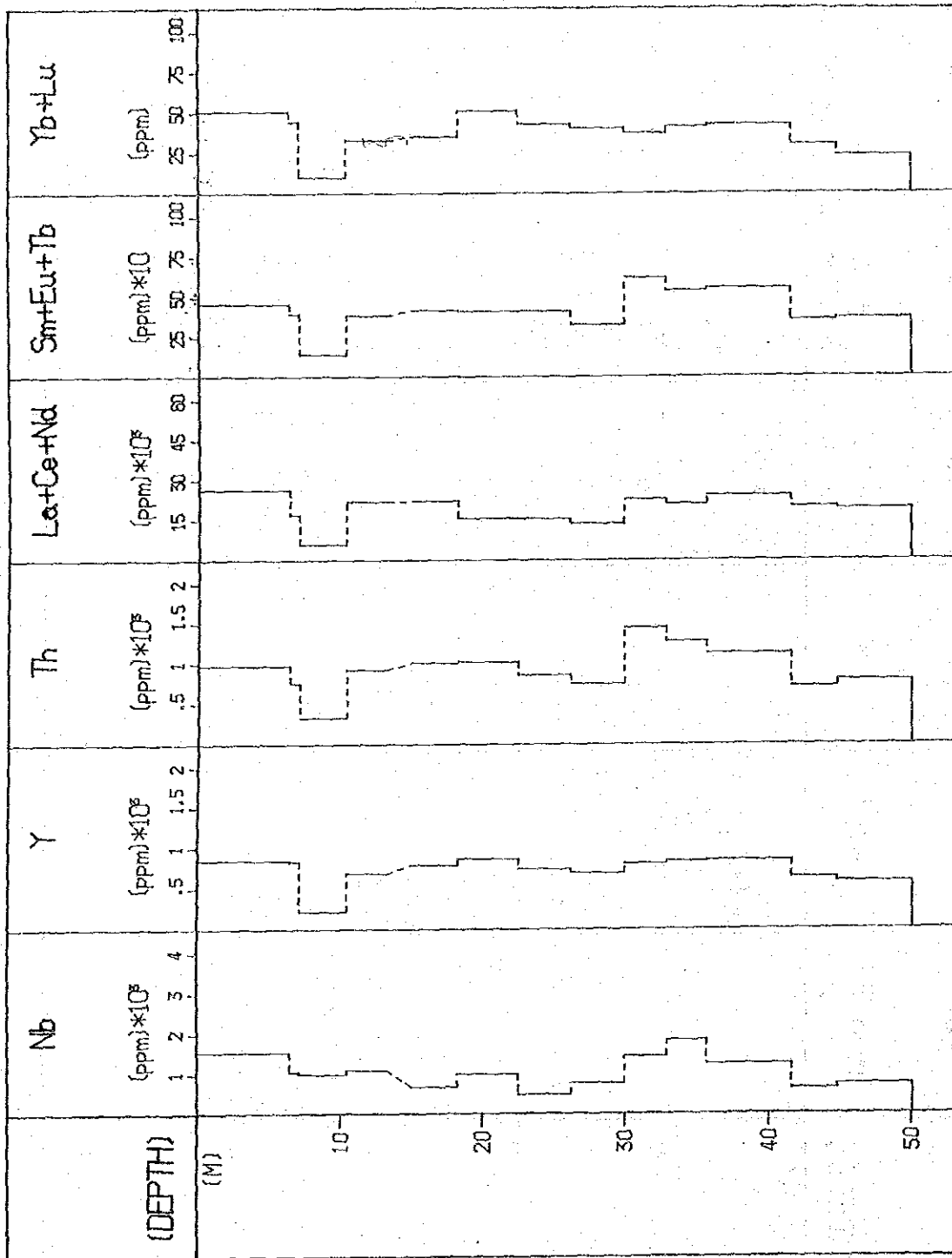
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements — Buru Hill Area —

BR-1 (50.40m)



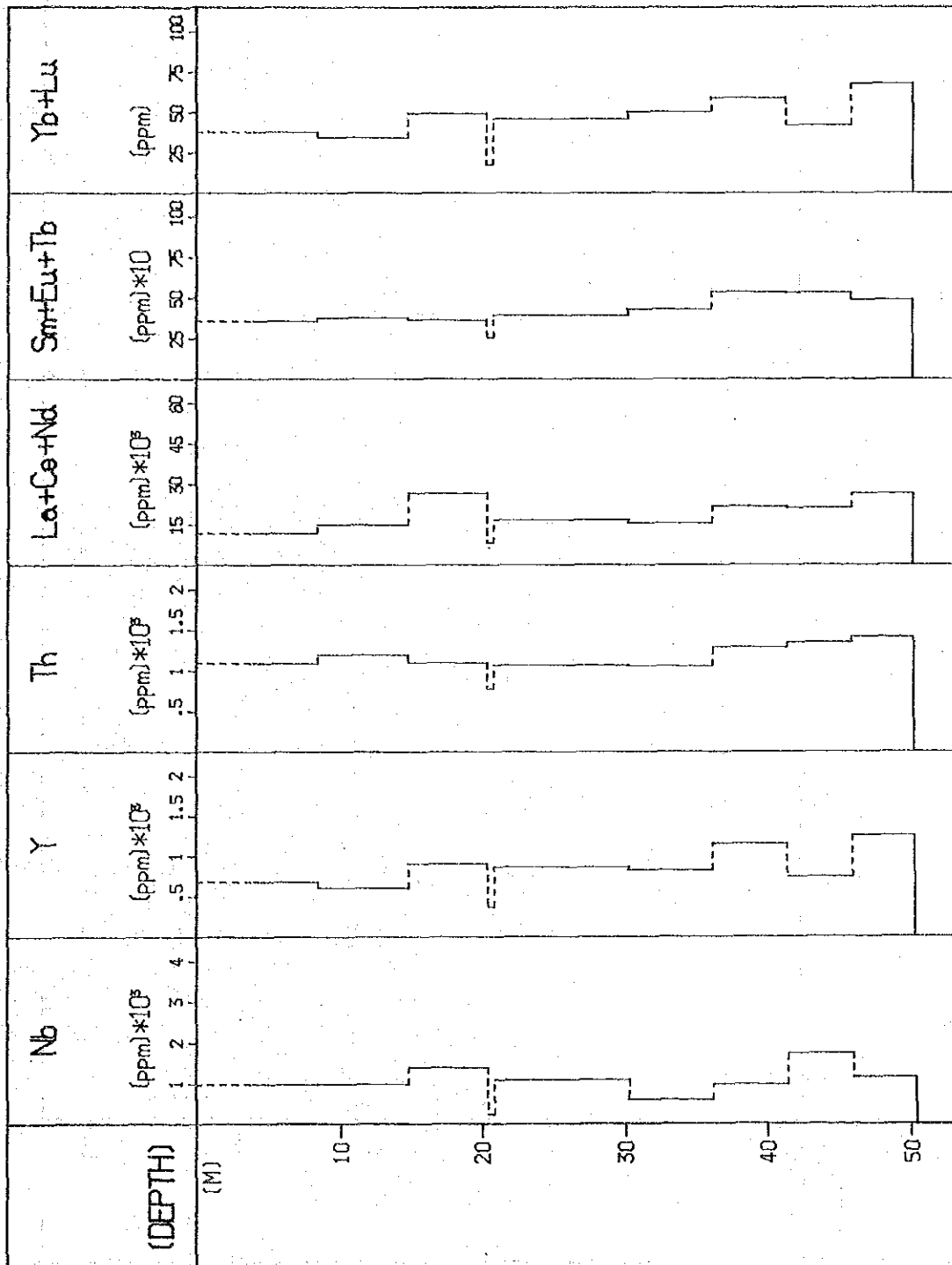
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-2 (50.10m)



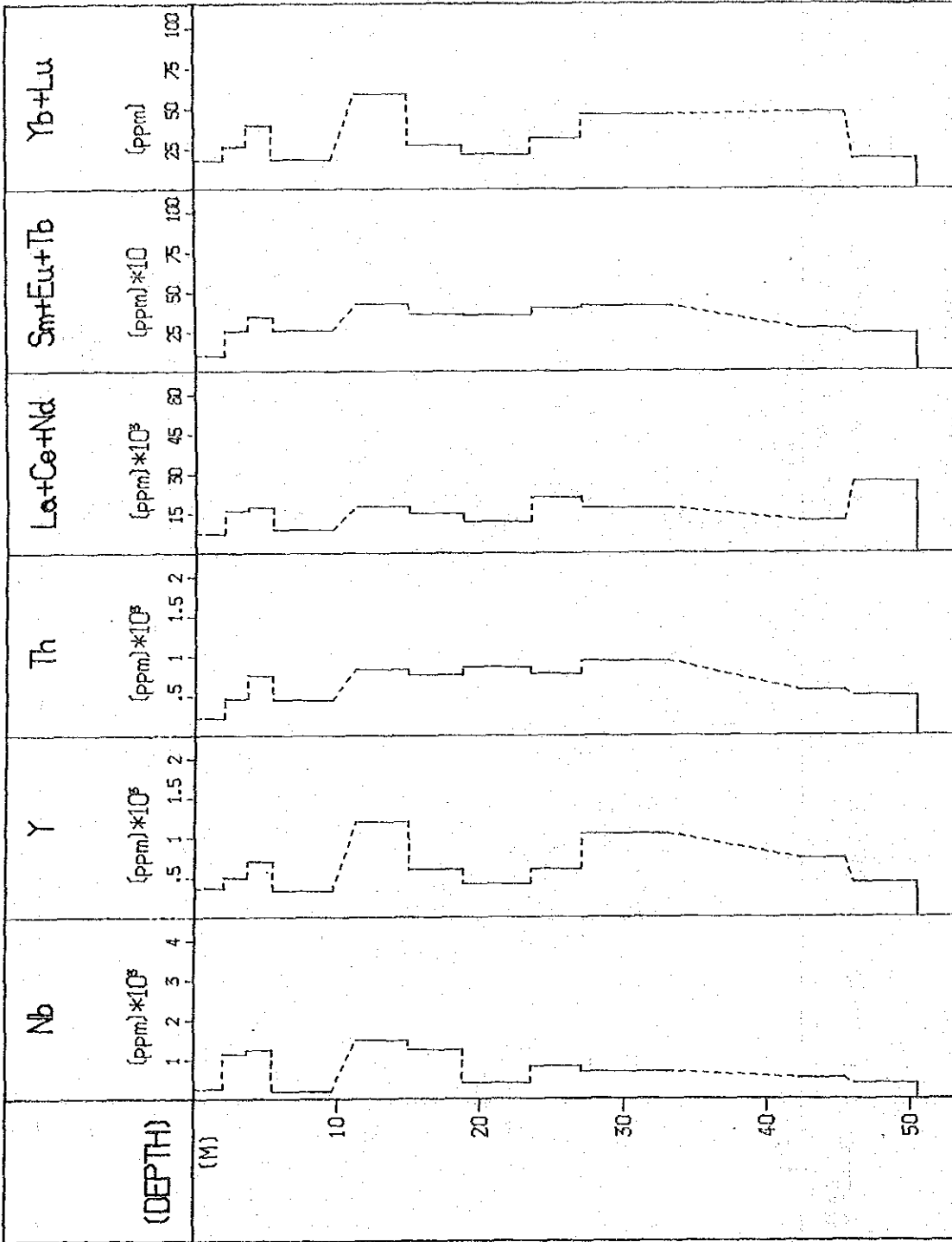
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-3 (50.40m)



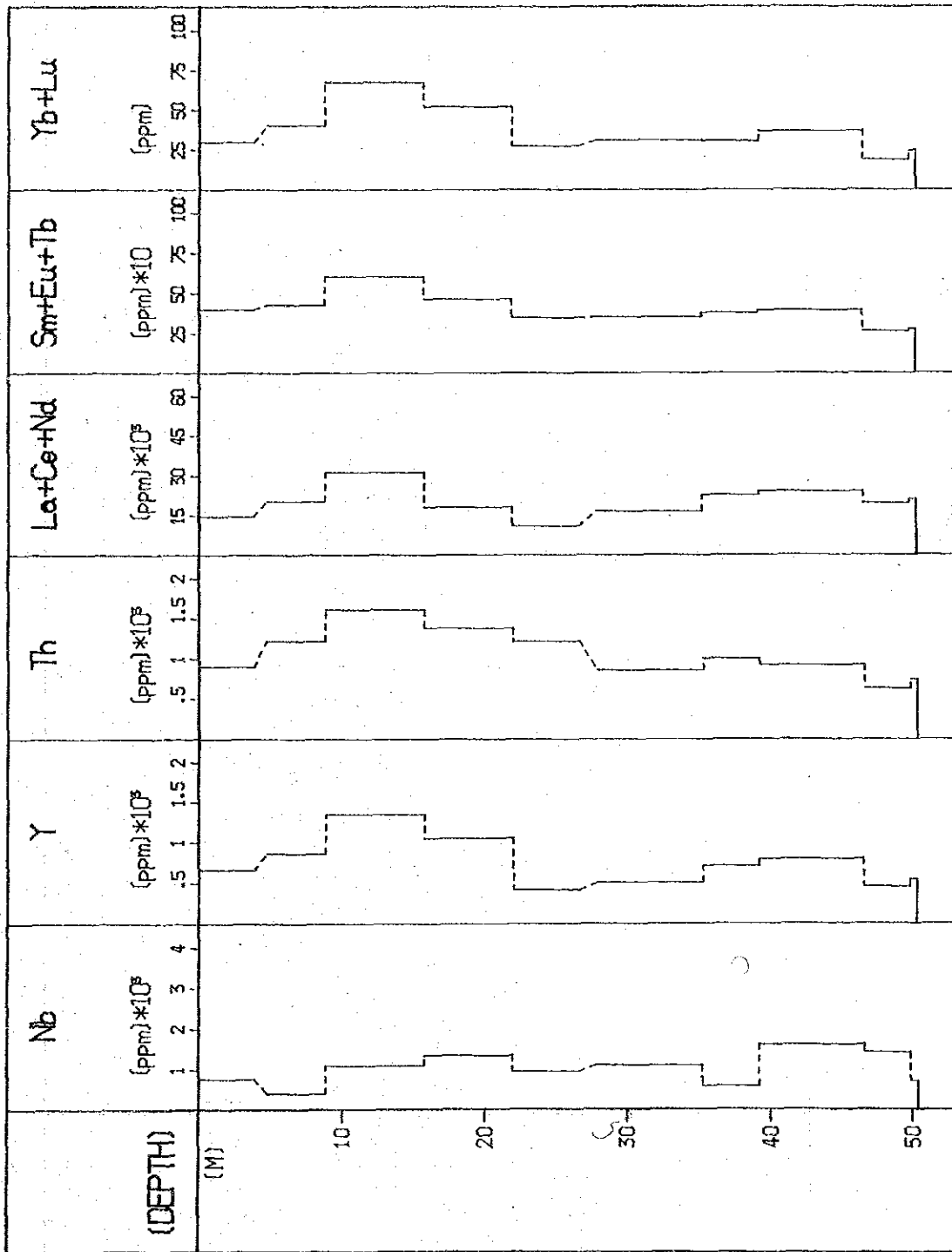
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-4 (50.50m)



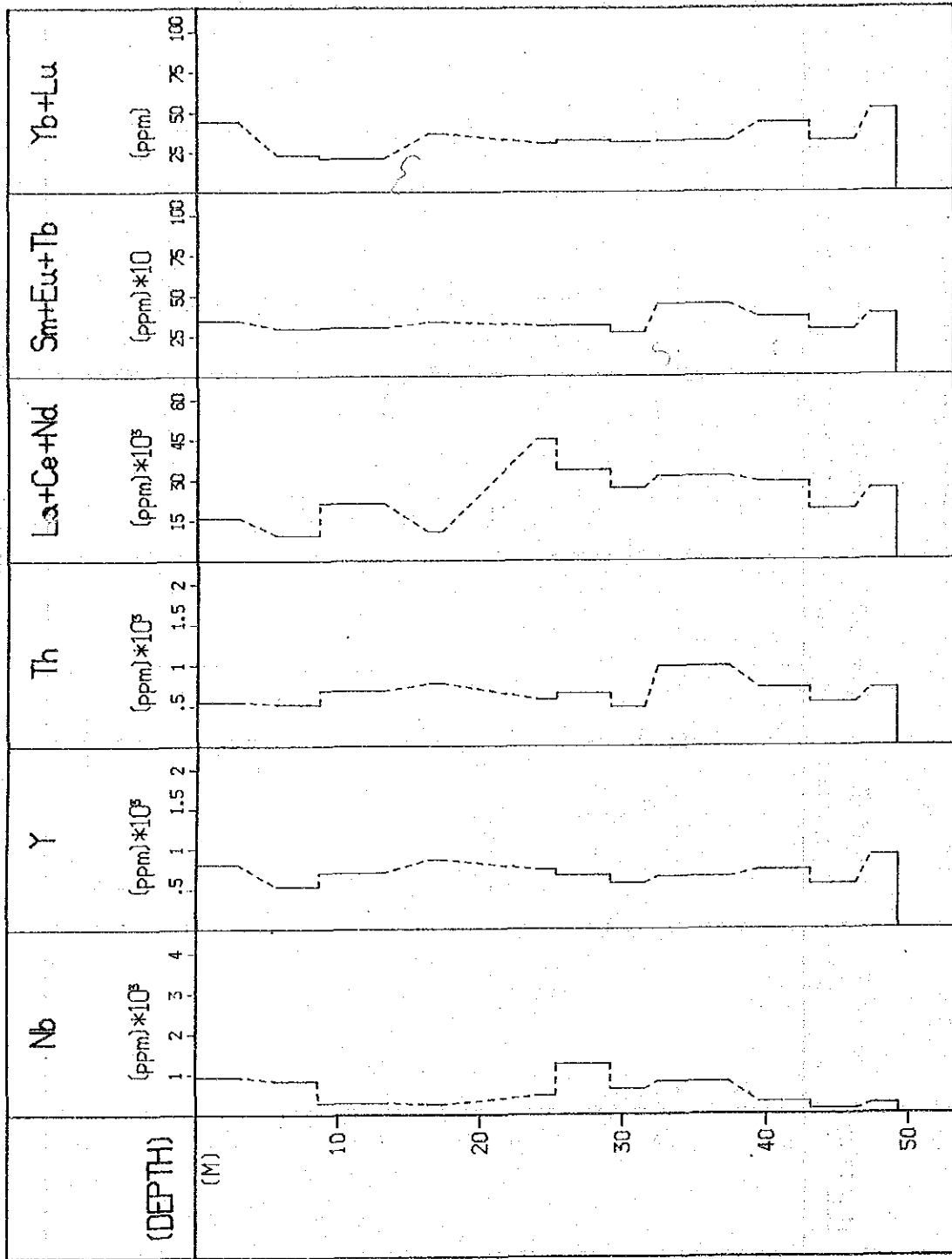
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-5 (50.40m)



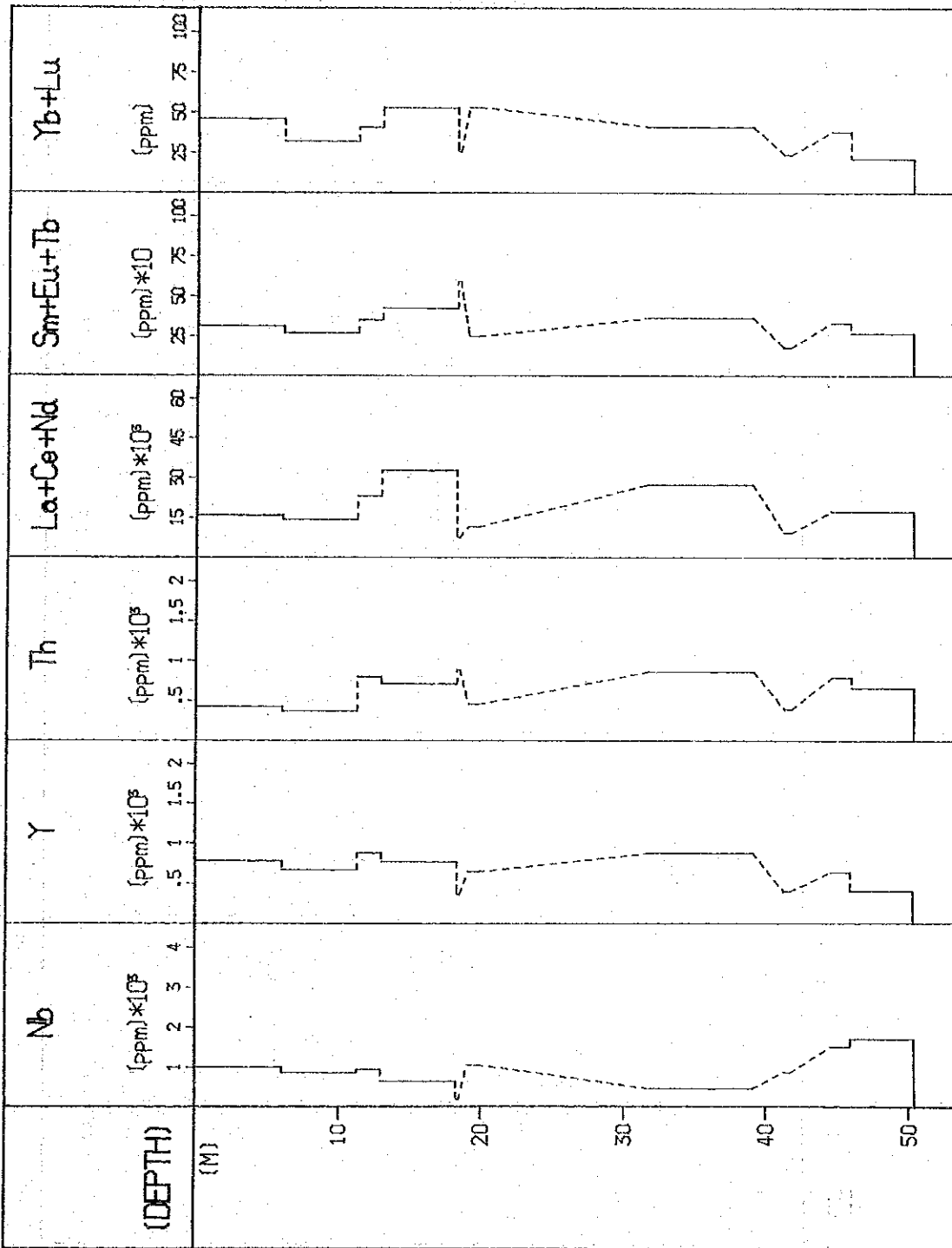
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-6(50.10m)



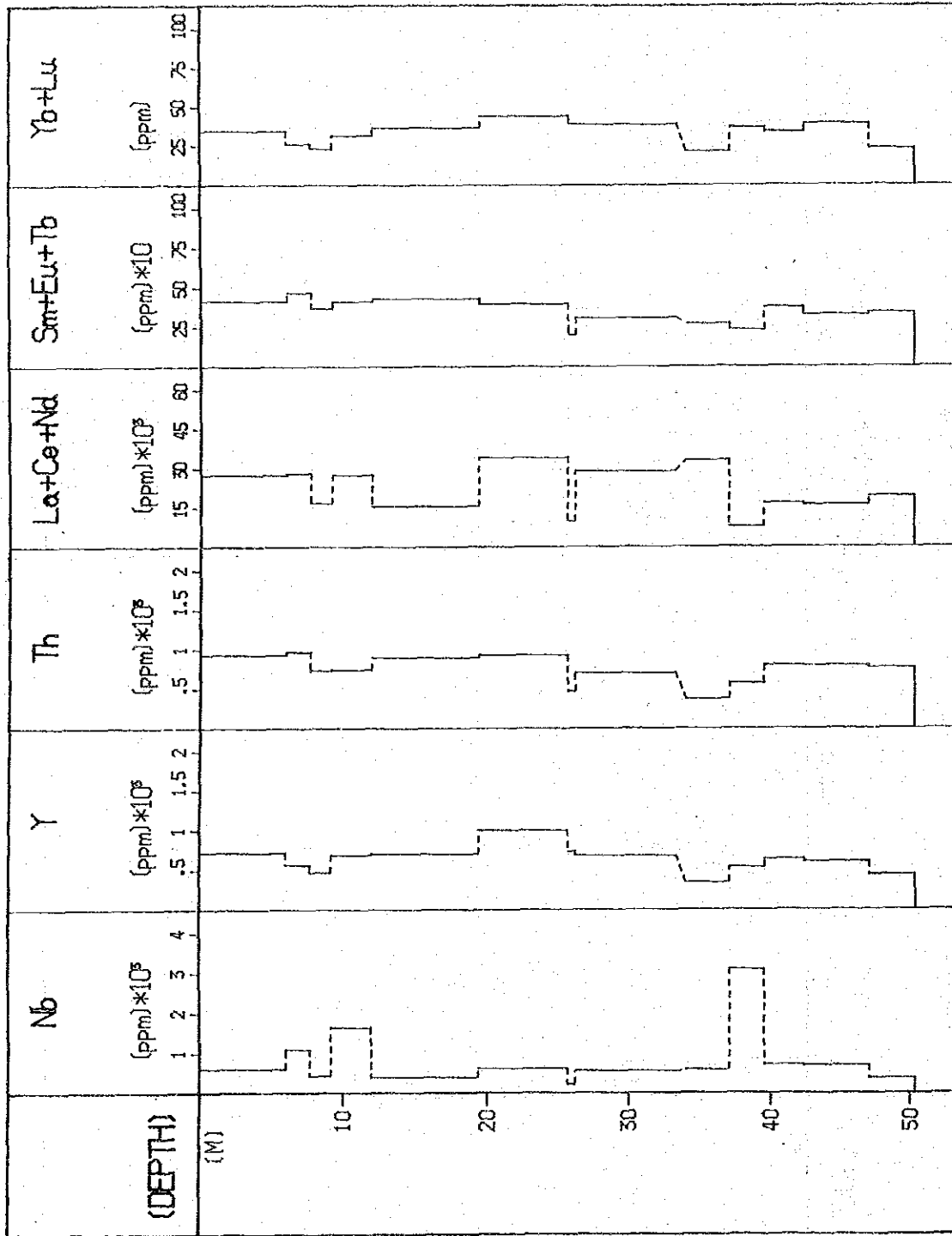
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-7 (50.40m)



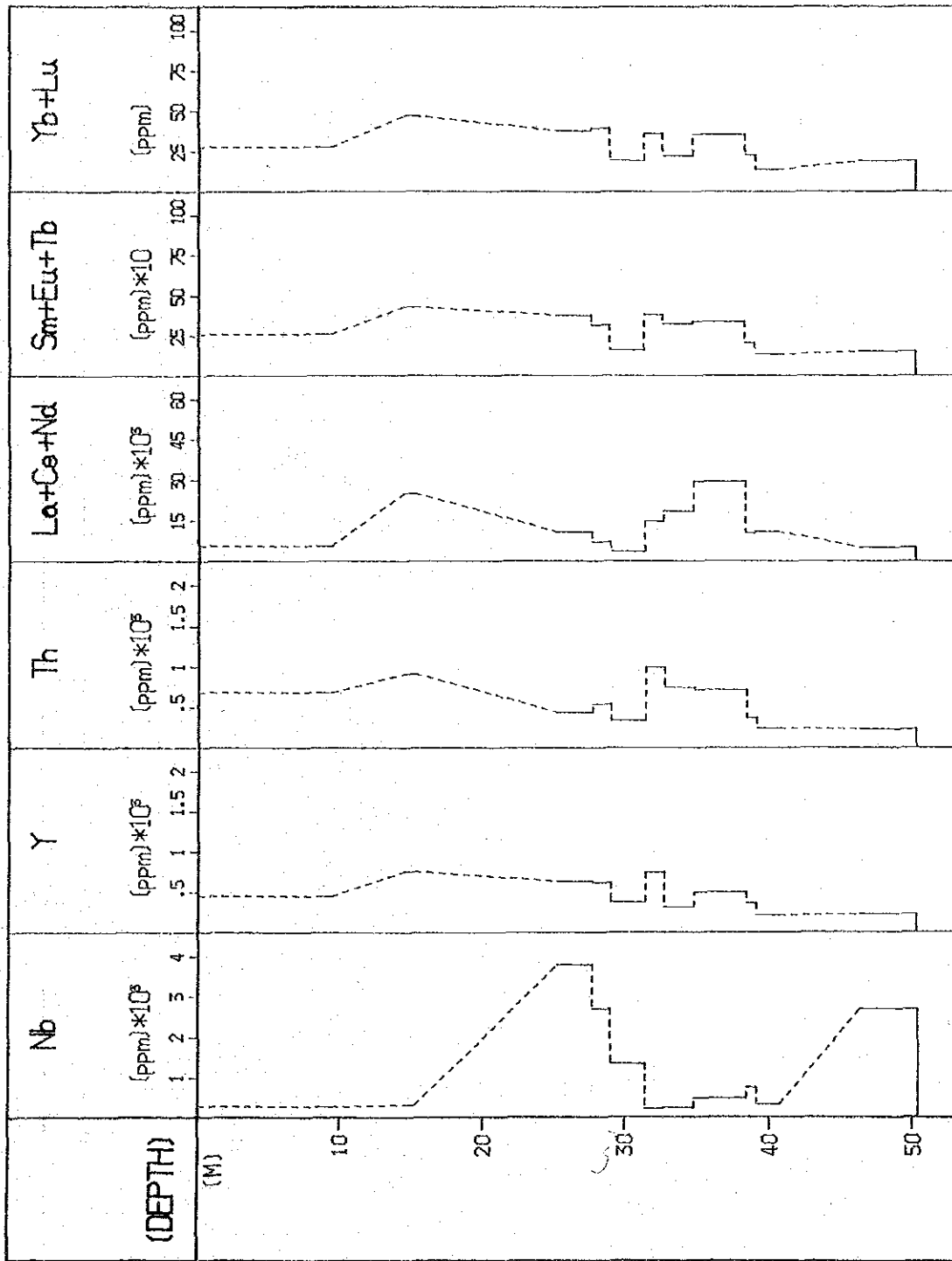
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-8 (50.40m)



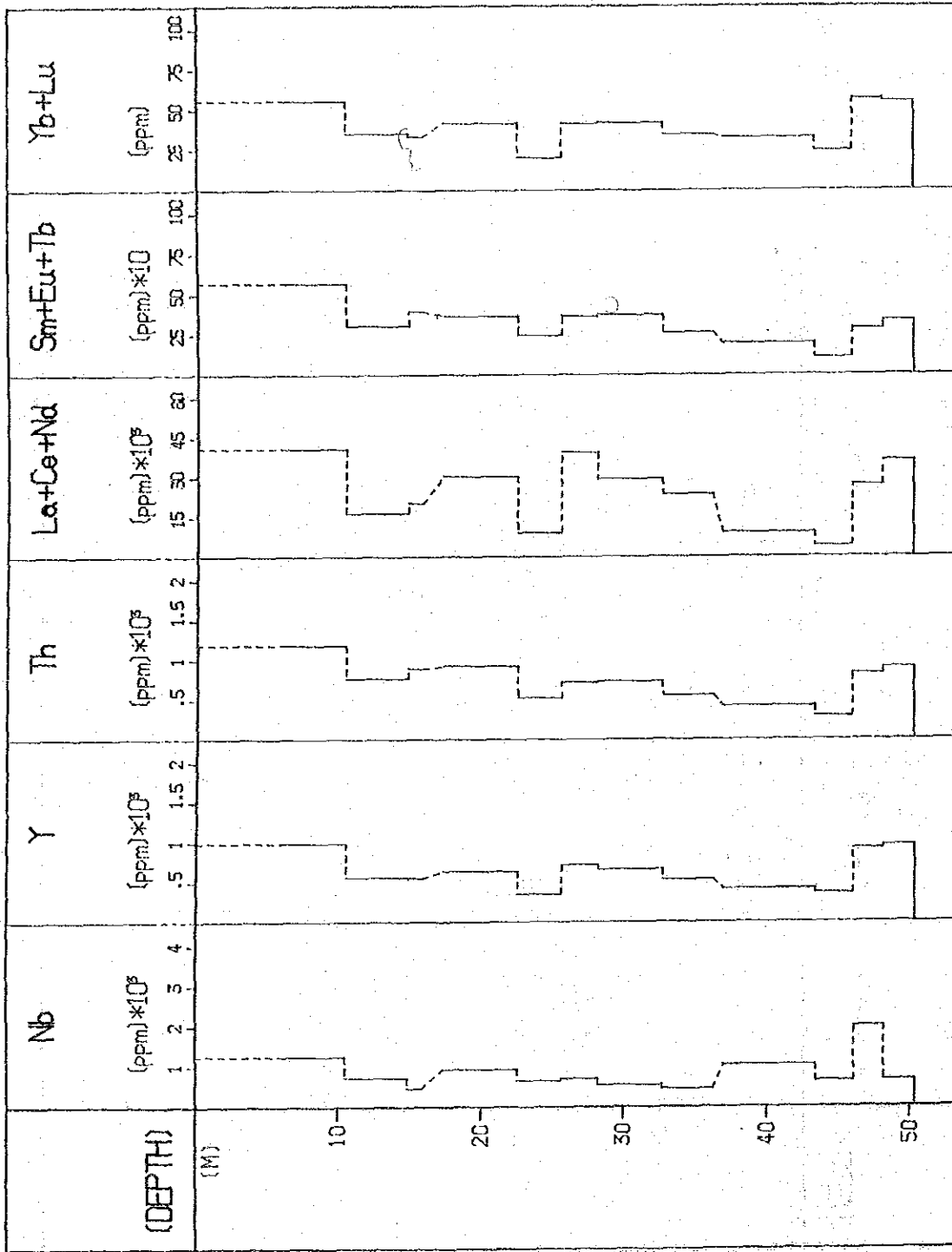
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-9(50.40m)



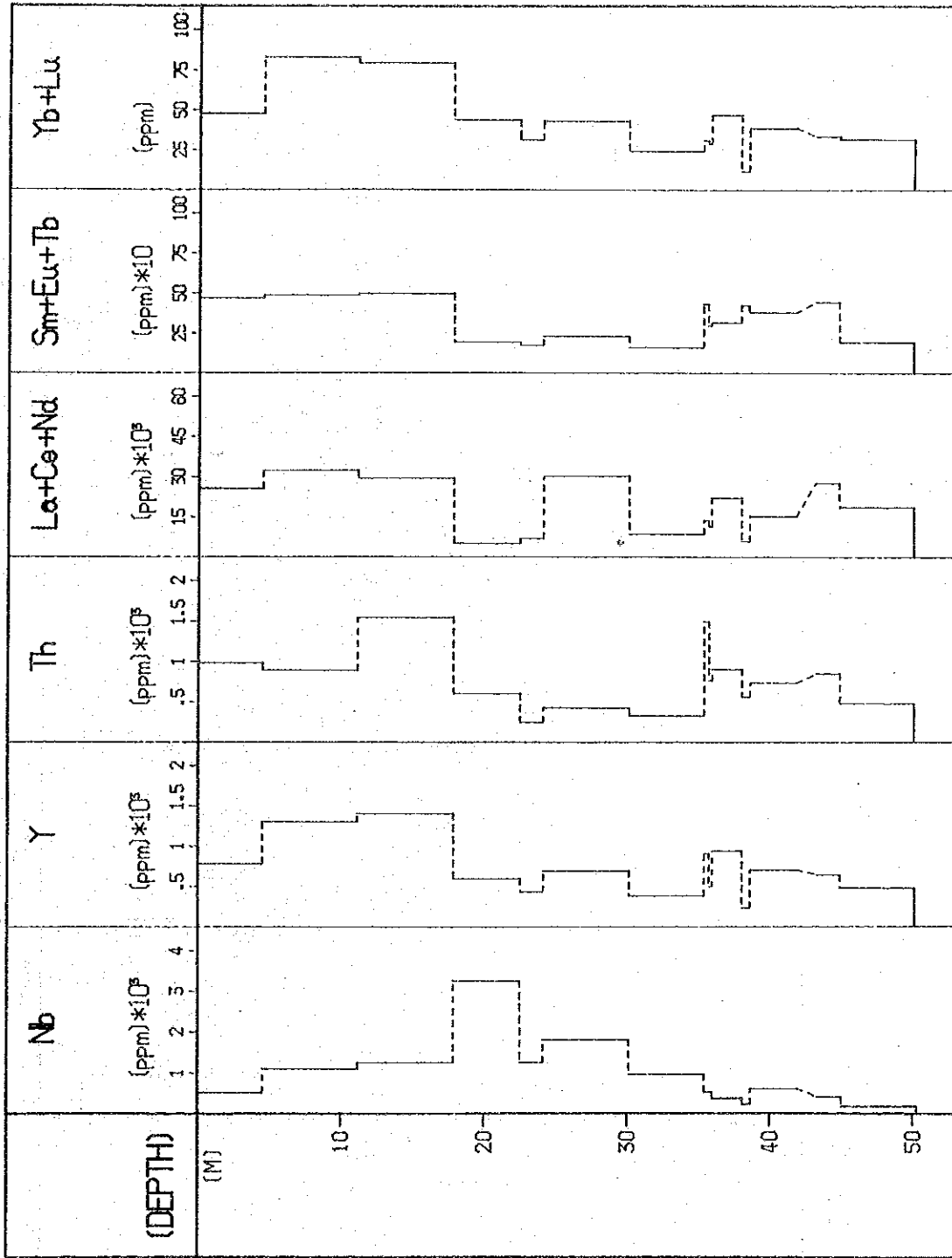
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-10 (50.40m)



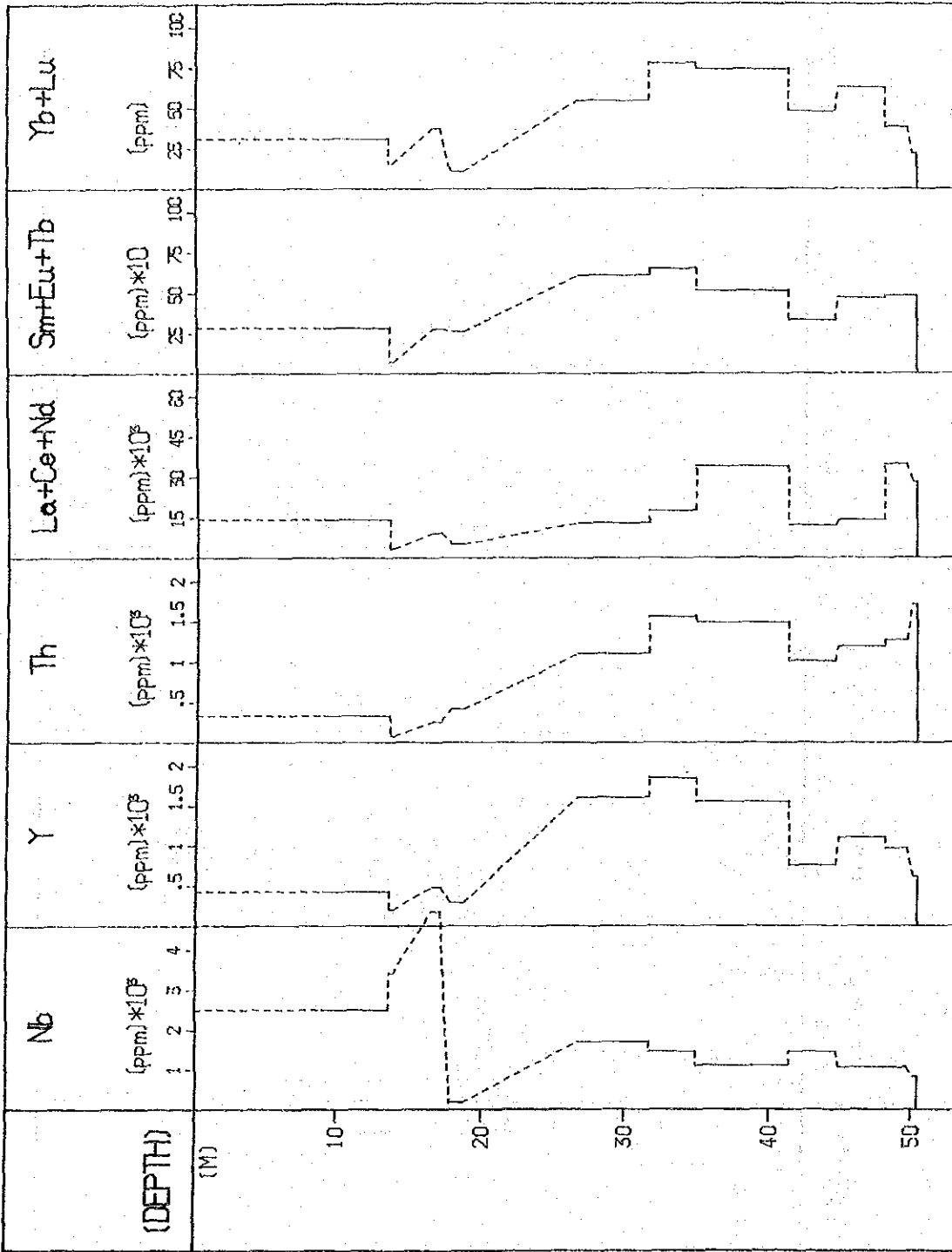
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-11 (50.30m)



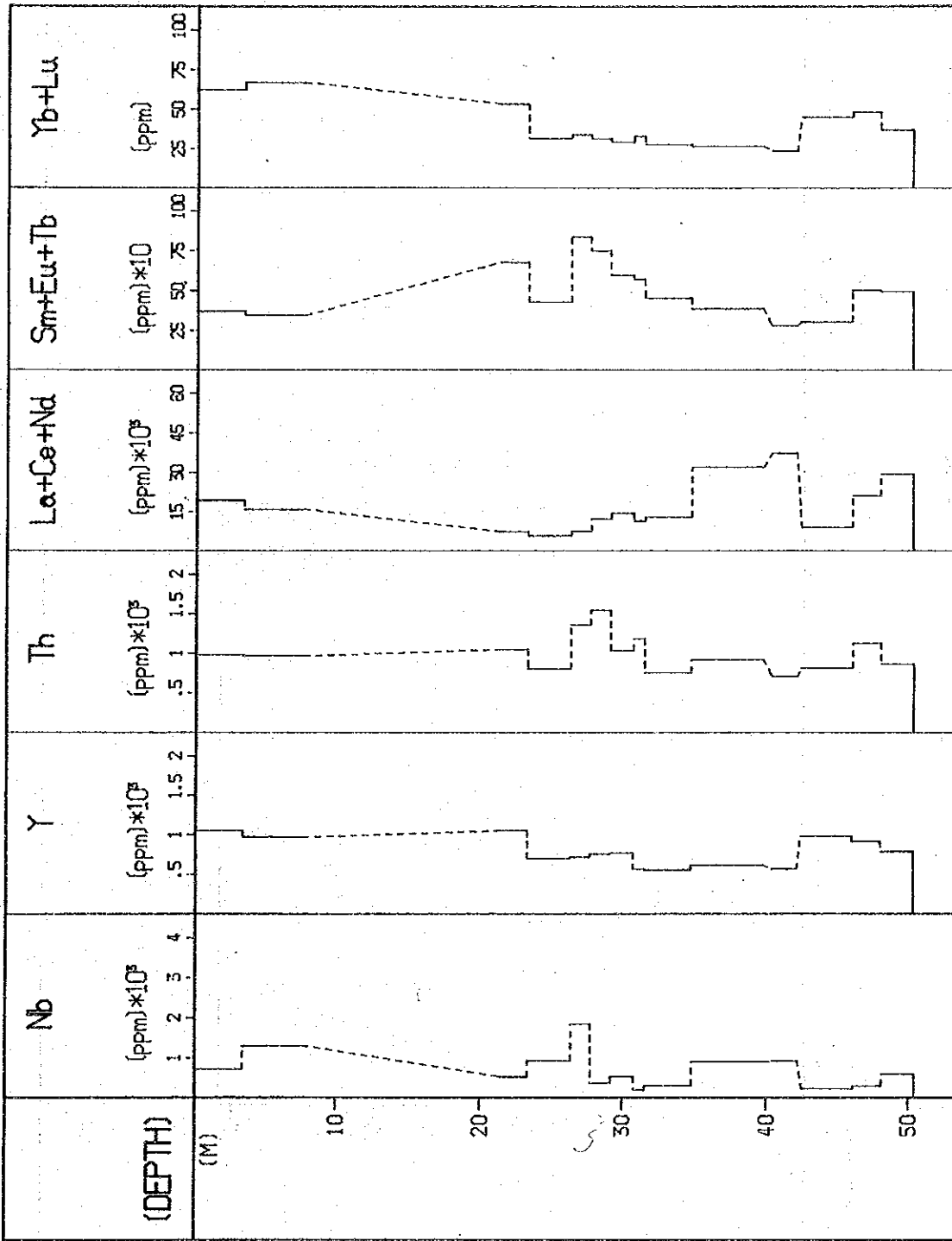
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-12(50.40m)



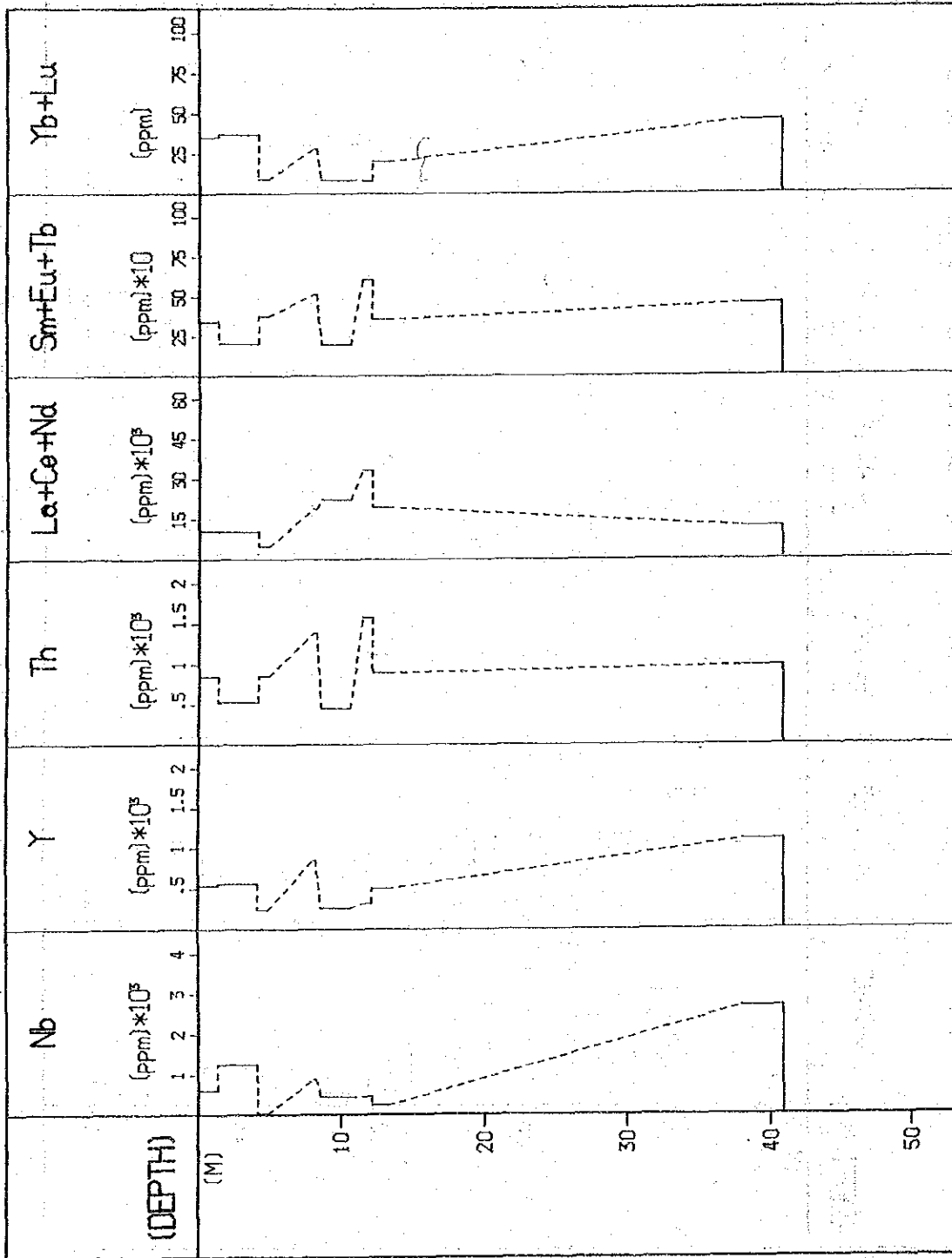
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-13 (50. 40m)



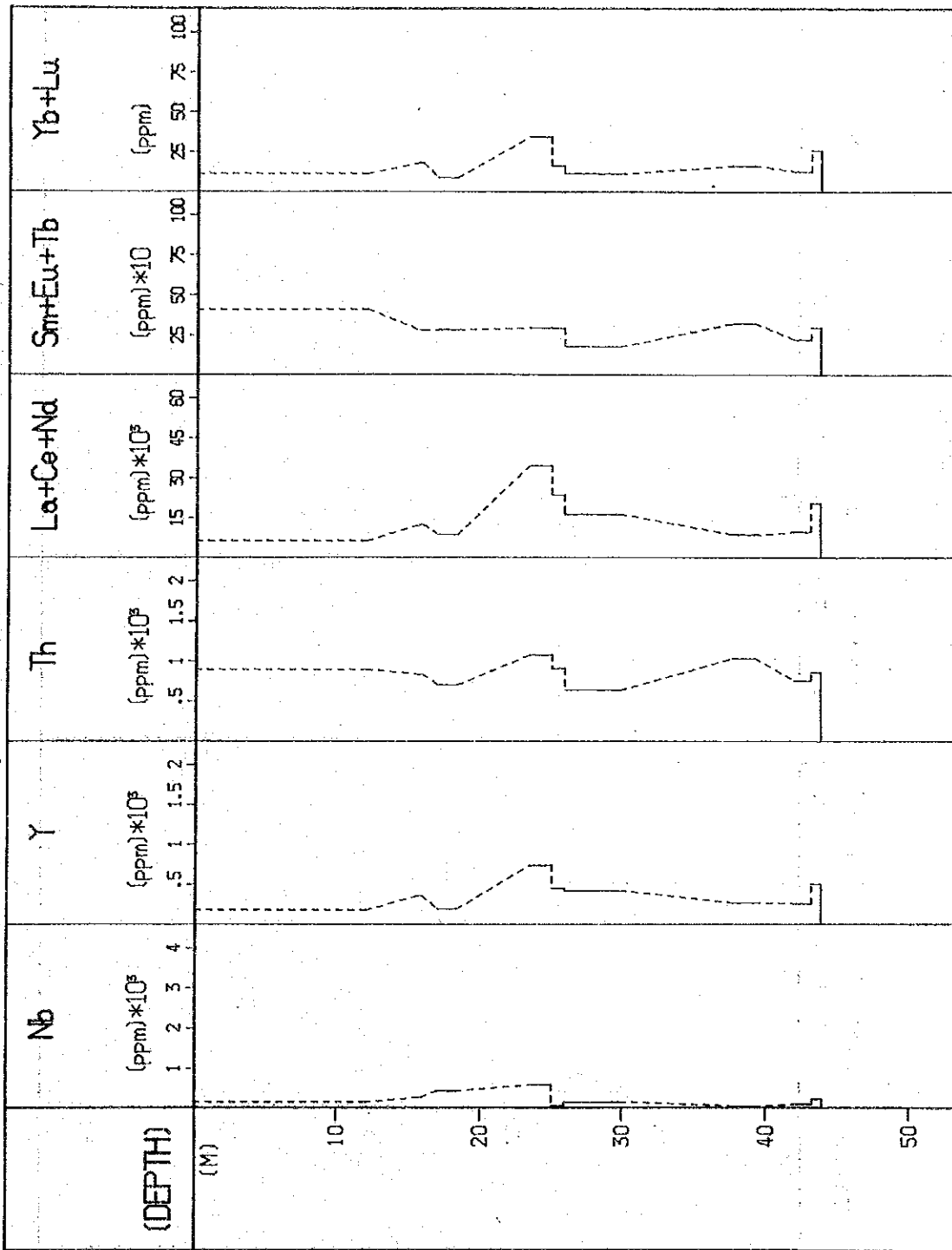
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-14 (50.30m)



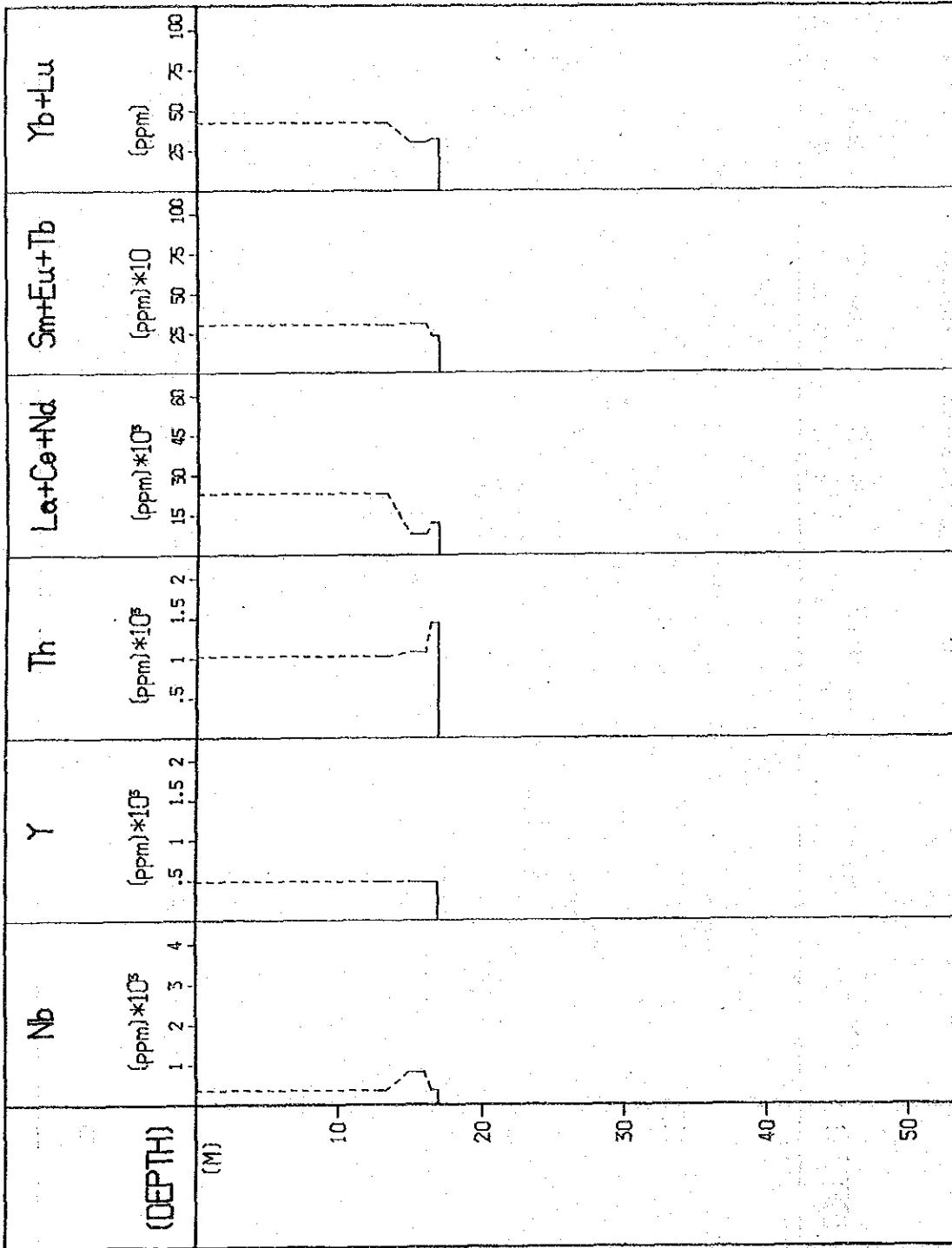
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-15 (50, 30m)



Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-16 (50.40m)



Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

Apx. 73 Drill Operation Details

Date	Operations
6.23	Drilling machines & equipments were shipped from Yokohama to Nairobi, Kenya
7.22	Drilling machines & equipments arrived in Mombasa, Kenya
7.30	Drilling team members left Tokyo
8. 1	Drilling team arrived in Nairobi, Kenya via London Courtesy visits to Kenya Governmental Organizations, Embassy of Japan, JICA and MMAJ offices, Nairobi
2	General discussion with M.G.D.
3	Drilling team members arrived in Kericho
4	Courtesy visits to District Commission and County Councillor Kericho.
5	Started provisional works and construction of access road to drill sites
7	Custom clearance of drill rigs completed
19	1st Drill rig was delivered to Kericho
20	Mobilization of drill rig and equipments to drill site BR-1
24	2nd Drill rig was delivered to Kericho

Date	Rig	T H S - 5					Y B M - 3 E S					
	Drilling Hole No.	Shift			Drill performed		Drilling Hole No.	Shift			Drill performed	
		1st	2nd	3rd	Daily	Total		1st	2nd	Daily	Total	
		m	m	m	m	m			m	m	m	m
8.20							BR-1	Mounting				
21								do.				
22								do.				
23		Preparations										
24		Mobilization from Kericho to site BRL-1										
25	BRL-1	Mounting										
26		0.4			0.4	0.4						
27		4.5			4.5	4.5						
28		Water supply pump repairing										
29		21.20	15.30	18.00	54.50	59.40						
30		24.00	15.00	15.00	54.00	113.40						
31		9.70	11.30	15.30	36.00	149.40						
9. 1		15.50	8.50	6.70	30.70	180.10						
2		7.40	7.90	4.70	20.00	200.10						
3		Dismounting						BR-1		3.00	3.00	3.00
4	BR-2	Mounting							14.40	15.70	27.10	33.10
5		do.							10.30	7.00	17.30	50.40
6		11.70	14.70		26.40	26.40		Dismounting				

Apx. 73 Drill Operation Details

Date	Rig T H S - 5					Y B M - 3 E S				
	Drilling Hole No.	Shift		Drill performed		Drilling Hole No.	Shift		Drill performed	
		1st	2nd	Daily	Total		1st	2nd	Daily	Total
		m	m	m	m		m	m	m	m
10.10	BR-13	12.50	20.30	32.80	50.40	BR-14	Mounting			
11		Dismounting					4.10	15.20	19.30	19.30
12	BR-15	Mounting					7.10	13.60	20.70	40.00
13		do.	2.30	2.30	2.30		7.80	2.50	10.30	50.30
14		3.00	27.80	30.80	33.10		Dismounting			
15		12.90	4.30	17.20	50.30	BR-16	Mounting			
16		Holiday						2.30	2.30	2.30
17		Dismounting					Holiday			
18		Demobilization					3.00	10.20	13.20	15.50
19		do.					5.90	9.60	15.50	31.00
20		do.					7.40	12.00	19.40	50.40
21							Dismounting			
22							Demobilization			
23		do.								
24		Completion and packing of Drill rigs and Equipments								
25		do.								
26		do.								
27		General inspections in Kuge-Lwala area								
28		Left Kericho and arrived in Nairobi								
29		Preparatory works returning to Japan								
30		Holiday								
31		Preparatory works returning to Japan								
11. 1		Courtesy visits to Kenya Governmental organizations								
2		Left Nairobi								
3		via London								
4		Arrived in Tokyo								

Apx. 73 Drill Operation Details

Date	T H S - 5					Y B M - 3 E S				
	Drilling Hole No.	Shift		Drill performed		Drilling Hole No.	Shift		Drill performed	
		1st	2nd	Daily	Total		1st	2nd	Daily	Total
		m	m	m	m		m	m	m	m
9. 7	BR-2	15.60	8.20	23.80	50.20	BR-3	Mounting			
8		Dismounting					11.40	15.00	26.40	26.40
9	BR-4	Mounting					15.40	9.00	24.00	50.40
10		5.00	4.2	9.20	9.20		Dismounting			
11		Holiday					Holiday			
12		1.10	8.20	9.30	18.50	BR-5	Mounting			
13		4.80	15.20	20.00	38.50		do.			
14		12.00		12.00	50.50		do.	5.10	5.10	5.10
15		Dismounting					9.10	12.90	22.00	27.10
16	BR-2'	Mounting					4.20	16.10	20.30	47.40
17		1.20	15.50	16.70	16.70		3.00		3.00	50.40
18		Holiday					Holiday			
19		4.70	11.30	16.00	32.70		Dismounting			
20		3.60	13.80	17.40	50.10	BR-6	Mounting			
9.21		Dismounting					4.10	13.80	17.90	17.90
22	BR-7	Mounting					7.70	17.50	25.20	43.10
23		do.	12.40	12.40	12.40		7.00		7.00	50.10
24		11.70	14.30	26.00	38.40		Dismounting			
25		Holiday				BR-8	Mounting			
26		12.00		12.00	50.40		Holiday			
27		Dismounting					4.10	7.70	11.80	11.80
28	BR-9	Mounting					12.00	3.30	15.30	27.10
29			5.40	5.40	5.40		23.30		23.30	50.40
30		21.50	3.20	24.80	30.10	BR-10	Dismounting			
10. 1		20.30		20.30	50.40		Mounting			
2		Dismounting					1.00	5.90	6.90	6.90
3	BR-11	Mounting					13.60	7.60	21.20	28.10
4			7.70	7.70	7.70		Holiday			
5		27.60	15.00	42.60	50.30	BR-12	Dismounting			
6	BR-13	Mounting					Mounting			
7		Dismounting					4.50	6.30	10.80	10.80
8		4.60	13.00	17.60	17.60		11.20	5.80	17.00	27.80
9		Holiday					7.10	11.10	18.20	46.00
							4.40		4.40	50.40
		Dismounting					Dismounting			
		Holiday					Holiday			

Apx. 74 Summary of Drilling Results

Item		Drilling hole No.					
		BRL-1	BR-1	BR-2	BR-2'	BR-3	
Drilling Data	Drilling length (m)	200.10	50.40	50.20	50.10	50.4	
	Core length (m)	178.80	41.80	24.2	41.50	40.8	
	Core recovery (%)	89.4	82.9	48.2	82.8	81.0	
	Depth by NQ size (m)	123.10	33.10	50.2	50.10	50.40	
	do. BQ size (m)	77.00	17.30	0	0	0	
	Casing pipe NW (m)	4.00	4.00	4.0	4.10	3.40	
	do. BW (m)	123.10	33.10	0	0	0	
	Drilling machine	THS-5	YBM-3ES	THS-5	THS-5	YBM-3ES	
Working Period	Working Period	8.23 ~ 9.3	8.20 ~ 8.22 9.3 ~ 9.6	9.4 ~ 9.8	9.16 ~ 9.21	9.7 ~ 9.11	
	Actual Working (d)	12	7	5	5	4	
	No Working (d)	0	0	0	1	1	
	Total (d)	12	7	5	6	5	
	Actual Working Days	Mounting (d)	3	3	2	2	1
		Drilling days (shifts)	8 · (18)	3 · (5)	2 · (4)	3 · (6)	2 · (4)
		Dismounting (d)	1	1	1	1	1
		Others (d)	0	0	0	0	0
		Total (d)	12	7	5	6	4
	Drilling length / Working Period (m/d)	16.67	7.20	10.04	8.35	10.08	
	Drilling length / Drilling days (m/d)	25.01	16.80	25.10	20.04	25.2	
	Drilling length / Drilling shifts (m/s)	11.11	10.08	12.62	9.10	12.60	
	Working Time	Drilling (h)	95	22	20	28	21
Hoisting & lowering rod etc. (h)		16	10	8	12	7	
Repairing (h)		7	0	0	0	0	
Sub total (h)		118	32	28	40	28	
Mounting (h)		24	21	7	7	7	
Dismounting (h)		14	7	7	7	7	
Others (h)		0	0	0	0	0	
Total (h)		145	93	42	54	42	
Drilling length / Drilling hour (m/h)	2.10	2.29	2.51	1.78	2.40		
Total Number of Workers	Driller	36	16	11	15	10	
	Counterport driller	42	15	18	27	18	
	Labor	117	59	31	39	36	
	Pump operater	48	8	6	12	9	
	Gardman	0	16	24	48	36	
	Labor for access construction	20	20	20	25	30	
	Total	263	134	110	166	139	
	Total drilling workers / Drilling length (w/m)	1.31	2.66	2.19	3.31	2.75	

Apx. 74 Summary of Drilling Results

Drilling hole No.		BR-4	BR-5	BR-6	BR-7	BR-8	
Item							
Drilling Data	Drilling length (m)	50.50	50.40	50.10	50.40	50.40	
	Core length (m)	43.60	45.80	40.10	50.40	43.80	
	Core recovery (%)	86.3	90.9	80.0	100	86.9	
	Depth by NQ size (m)	18.80	27.10	24.10	24.10	27.10	
	do. BQ size (m)	31.70	23.30	26.00	26.30	23.30	
	Casing pipe NW (m)	3.0	4.10	4.10	4.10	4.10	
	do. BW (m)	18.80	27.10	24.10	24.10	27.10	
	Drilling machine	THS-5	YBM-3ES	YBM-3ES	THS-5	YBM-3ES	
Working Period	Working Period	9.9~9.15	9.12~9.19	9.20~9.24	9.22~9.27	9.24~9.29	
	Actual Working (d)	6	7	5	5	5	
	No Working (d)	1	1	0	1	1	
	Total (d)	7	8	5	6	6	
	Actual Working Days	Mounting (d)	1	3	1	2	2
		Drilling (d) (shifts)	5 (7)	3 (6)	3 (5)	3 (4)	3 (5)
		Dismounting (d)	1	1	1	1	1
		Others (d)	0	0	0	0	0
		Total (d)	7	7	5	6	6
	Drilling length / Working Period (m/d)	7.21	6.30	10.02	8.60	8.60	
	Drilling length / Drilling days (m/d)	10.10	16.80	16.70	16.80	16.80	
Drilling length / Drilling shifts (m/s)	7.21	8.40	10.02	12.60	10.08		
Working Time	Drilling (h)	35	28	24	17	23	
	Hoisting & lowering rod etc. (h)	14	11	11	7	7	
	Repairing (h)	0	0	0	0	0	
	Sub total (h)	49	39	35	24	30	
	Mounting (h)	7	15	7	7	7	
	Dismounting (h)	7	7	7	7	7	
	Others (h)	0	0	0	0		
	Total (h)	63	61	49	38	44	
Drilling length / Drilling hour (m/h)	1.44	1.80	2.08	2.96	2.19		
Total Number of Workers	Driller	16	26	12	11	13	
	Counterport driller	34	27	23	19	23	
	Labor	38	44	30	31	35	
	Pump operator	18	12	9	12	12	
	Gardman	76	48	36	48	48	
	Labor for access construction	30	35	35	25	30	
	Total	212	192	145	146	161	
	Total drilling workers / Drilling length (w/m)	4.19	3.81	2.89	2.90	3.19	

Apx. 74 Summary of Drilling Results

Drilling hole No.		BR-9	BR-10	BR-11	BR-12	BR-13	
Item							
Drilling Data	Drilling length (m)	50.40	50.40	50.30	50.40	50.40	
	Core length (m)	48.70	47.70	42.50	45.10	49.60	
	Core recovery (%)	96.9	94.6	84.5	89.5	98.4	
	Depth by NQ size (m)	30.10	27.10	18.00	36.10	30.10	
	do. BQ size (m)	20.30	23.30	32.30	14.30	20.30	
	Casing pipe NW (m)	4.10	4.10	4.10	4.10	4.10	
	do. BW (m)	30.10	27.10	18.00	36.10	30.10	
	Drilling machine	THS-5	YBM-3ES	THS-5	YBM-3E	THS-5	
Working Period	Working Period	9.27~10.2	9.29~10.4	10.3~10.6	10.4~10.9	10.6~10.11	
	Actual Working (d)	5	5	3	5	5	
	No Working (d)	1	1	0	1	1	
	Total (d)	6	6	3	6	6	
	Actual Working Days	Mounting (d)	2	2	1	1	2
		Drilling (d) (shifts)	3 · (4)	3 · (5)	2 · (3)	4 · (7)	2 · (4)
		Dismounting (d)	1	1	1	1	1
		Others (d)	0	0	0	0	0
		Total (d)	6	6	4	6	5
	Drilling length / Working Period (m/d)	8.40	8.40	16.76	8.40	8.40	
	Drilling length / Drilling days (m/d)	16.80	16.80	25.15	12.60	25.20	
Drilling length / Drilling shifts (m/s)	12.60	10.08	16.76	7.20	12.60		
Working Time	Drilling (h)	21	23	14	25	15	
	Hoisting & lowering rod etc. (h)	7	9	7	18	12	
	Repairing (h)	0	0	0	0	0	
	Sub total (h)	28	32	21	43	23	
	Mounting (h)	7	7	7	7	7	
	Dismounting (h)	7	7	7	7	7	
	Others (h)	0	0	0	0	0	
	Total (h)	42	46	35	57	37	
	Drilling length / Drilling hour (m/h)	2.40	2.19	3.59	2.01	3.36	
Total Number of Workers	Driller	11	13	8	16	11	
	Counterport driller	19	23	14	32	18	
	Labor	31	35	22	38	31	
	Pump operator	12	12	6	15	9	
	Gardman	48	48	24	60	36	
	Labor for access construction	30	30	30	20	30	
	Total	151	161	104	181	135	
	Total drilling workers / Drilling length (w/m)	3.00	3.19	2.07	3.59	2.68	

Apx. 74 Summary of Drilling Results

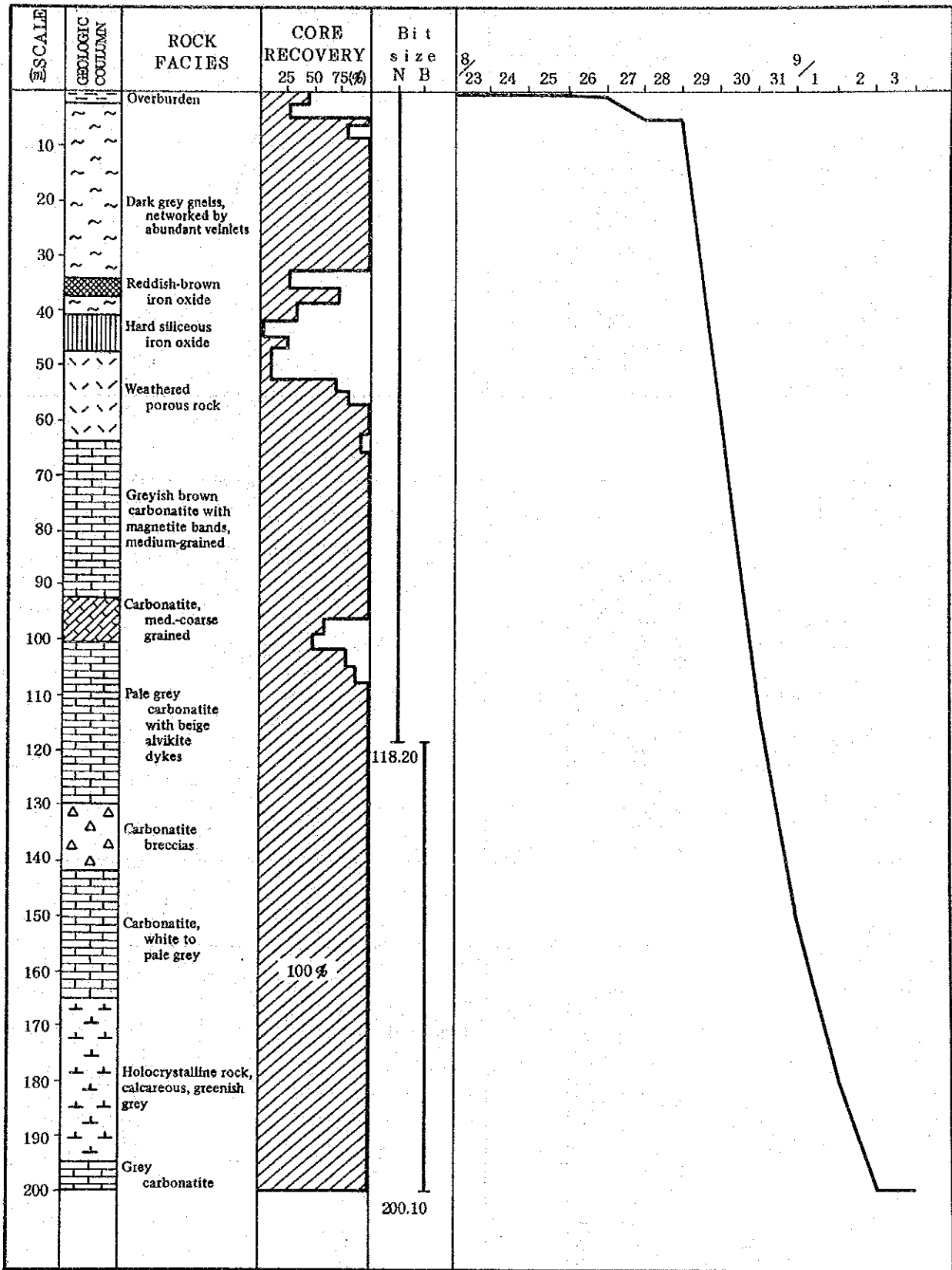
Item	Drilling hole No.			Mobiligation & Demobilization	Total		
	BR-14	BR-15	BR-16				
Drilling Data	Drilling length (m)	50.30	50.30	50.40	1,055.90	* 1,005.70 (1,055.90)	
	Core length (m)	47.20	46.50	50.40		* 904.30 (928.50)	
	Core recovery (%)	93.8	92.40	100		* 89.9 (87.9)	
	Depth by NQ size (m)	21.10	33.10	21.10		644.80	
	do. BQ size (m)	29.20	17.20	29.30		411.10	
	Casing pipe NW (m)	4.10	4.10	4.10		71.70	
	do. BW (m)	21.10	33.10	21.0			
	Drilling machine	YBM-3E	THS-5	YBM-3ES			
Working Period	Working Period	10.10 ~ 10.14	10.12 ~ 10.17	10.14 ~ 10.20	8.5 10.21 ~ 8.19 10.26	~	
	Actual Working (d)	5	5	5	15 6	120	
	No Working (d)	0	1	1	0	12	
	Total (d)	5	6	6	21	132	
	Actual Working Days	Mounting (d)	1	2	1		32
		Drilling (d) (shifts)	3 (6)	3 (5)	4 (7)		59 (105)
		Dismounting (d)	1	1	1		18
		Others (d)	0	0	0		0
		Total (d)	5	6	6		109
	Drilling length / Working Period (m/d)	10.06	8.38	8.40		8.00	
	Drilling length / Drilling days (m/d)	16.76	16.76	12.60		17.90	
Drilling length / Drilling shifts (m/s)	8.38	10.06	7.20		10.05		
Working Time	Drilling (h)	18	15	22.5		467.5	
	Hoisting & lowering rod etc. (h)	21	13	16.5		206.5	
	Repairing (h)	0	0	0		7	
	Sub total (h)	39	28	44		681	
	Mounting (h)	7	7	7	97	262	
	Dismounting (h)	7	7	7	66	198	
	Others (h)	0	0	0	169	169	
	Total (h)	54	14	58	332	1,333	
	Drilling length / Drilling hour (m/h)	2.79	3.35	2.24		2.26	
Total Number of Workers	Driller	14	13	16	45	313	
	Counterport driller	27	23	32	10	444	
	Labor	34	35	38	150	874	
	Pump operator	9	12	15	0	236	
	Gardman	36	48	60	30	770	
	Labor for access construction	25	25	30	140	630	
	Total	145	156	191	375	3,267	
	Total drilling workers / Drilling length (w/m)	2.88	3.10	3.79		3.09	

Apx. 75 Summary of Drilling Progress

□ TMS-5
 □ YBM-3ES

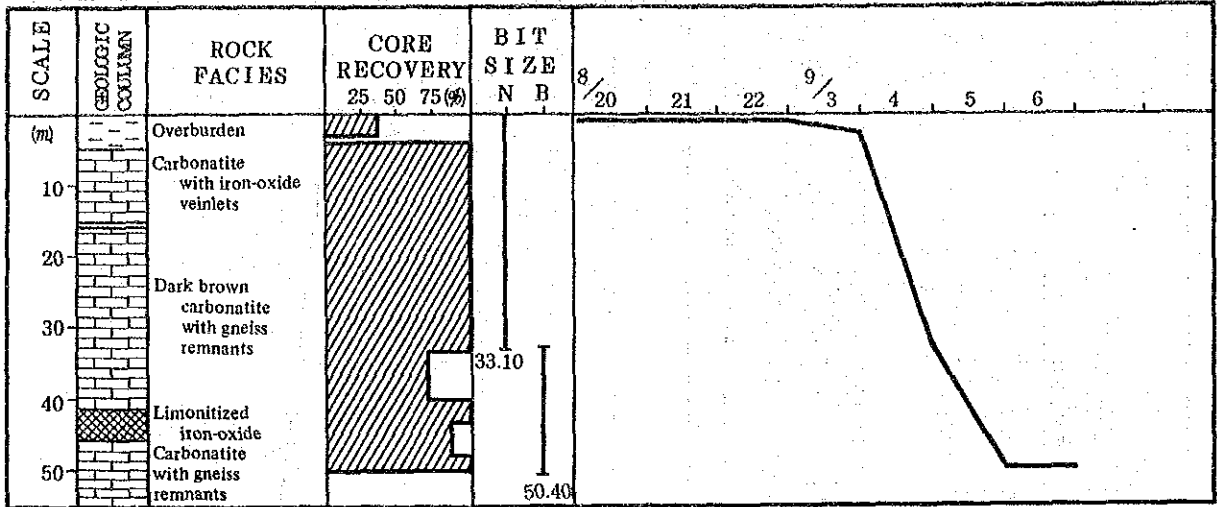
作業項目	'88 7月					8月					9月					10月					11月	
	30	31	1	2	3	5	10	15	20	25	5	10	15	20	25	5	10	15	20	25	5	
動員 (東京~NAIROBI~KERICHO)	□																					
搬入・設置						□																
BRL-1 200.10 ^m						□																
BR-1 50.40						□																
BR-2 50.20						□																
BR-3 50.40						□																
BR-4 50.50						□																
BR-5 50.40						□																
BR-2' 50.10						□																
BR-6 50.10						□																
BR-7 50.40						□																
BR-8 50.40						□																
BR-9 50.40						□																
BR-10 50.40						□																
BR-11 50.30						□																
BR-12 50.40						□																
BR-13 50.40						□																
BR-14 50.30						□																
BR-15 50.30						□																
BR-16 50.40						□																
撤収																						
復員 (KERICHO~NAIROBI~東京)																						

BRL-1

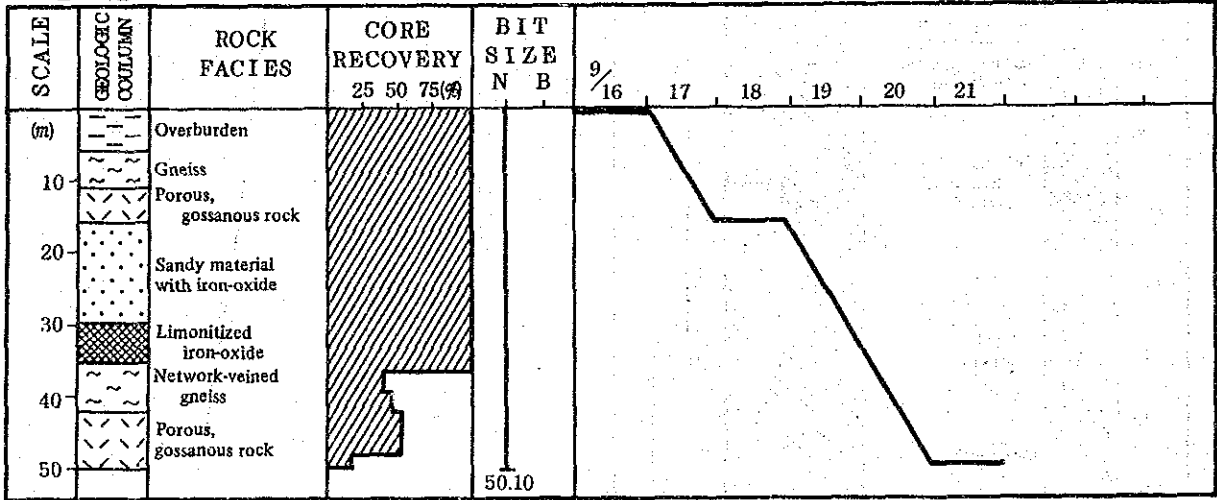


Apx. 76 Drilling Progress by Hole

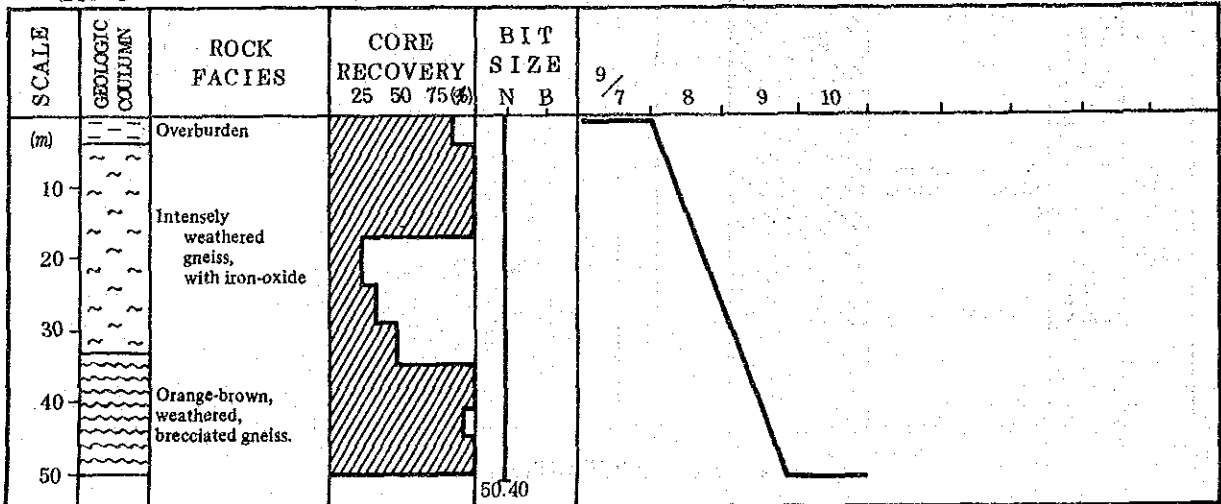
BR-1



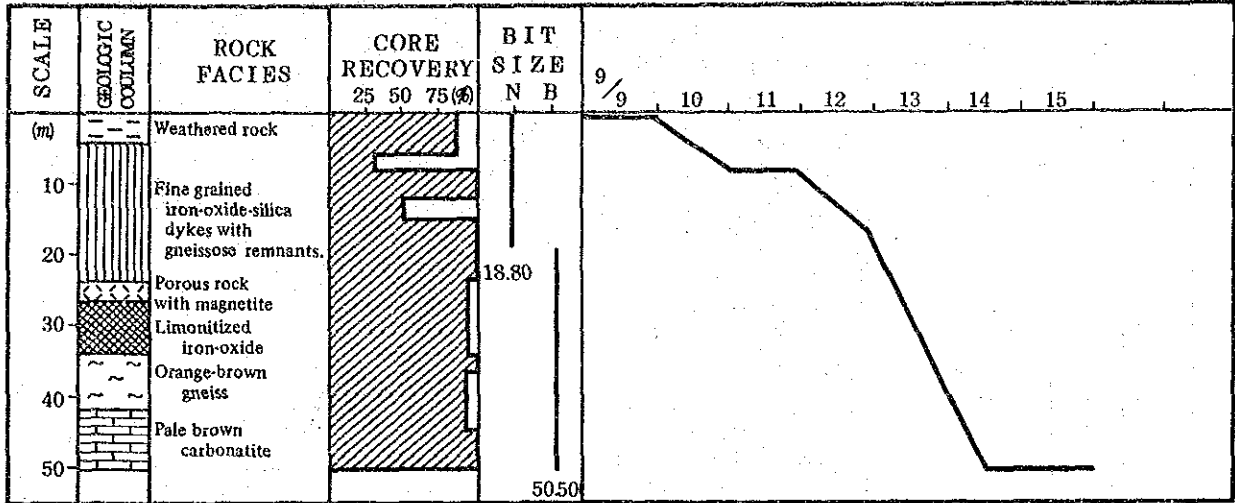
BR-2



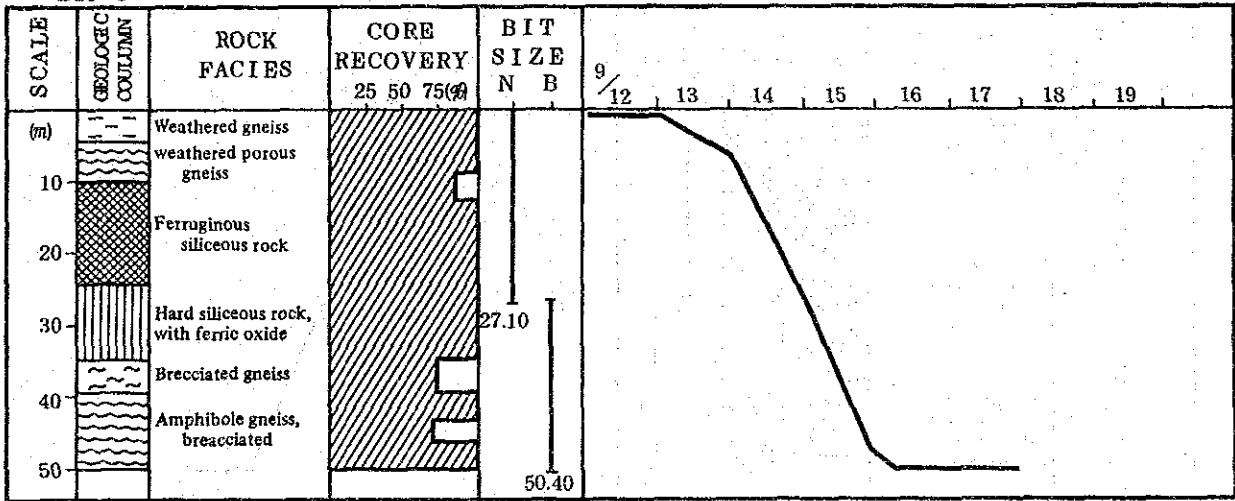
BR-3



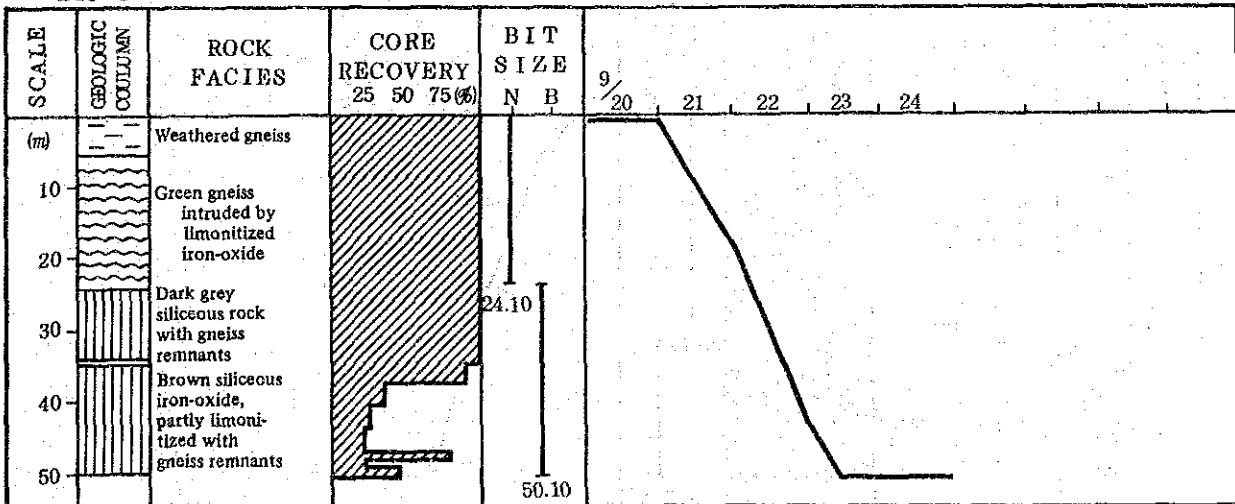
BR-4



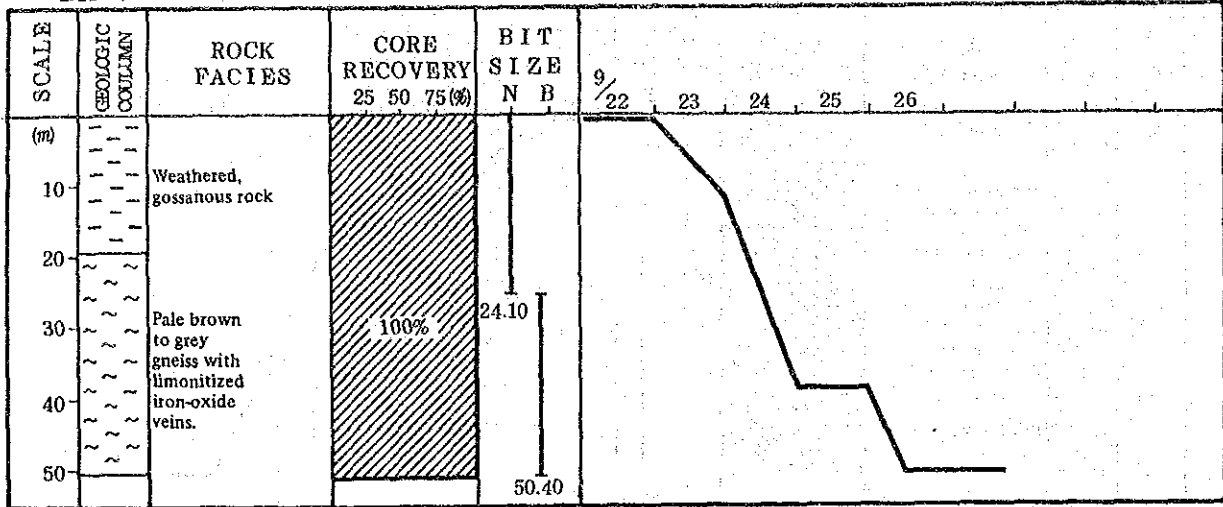
BR-5



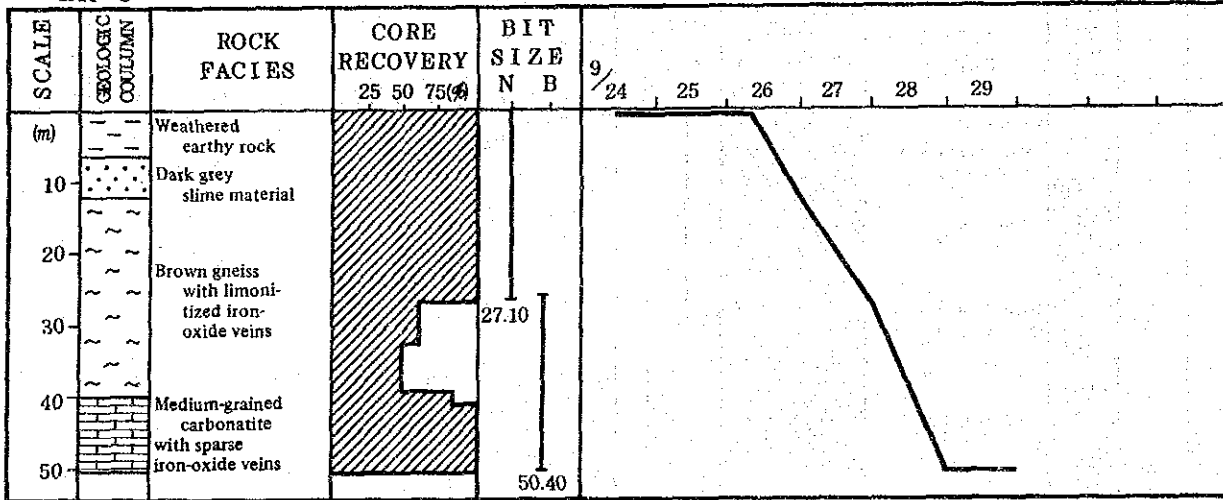
BR-6



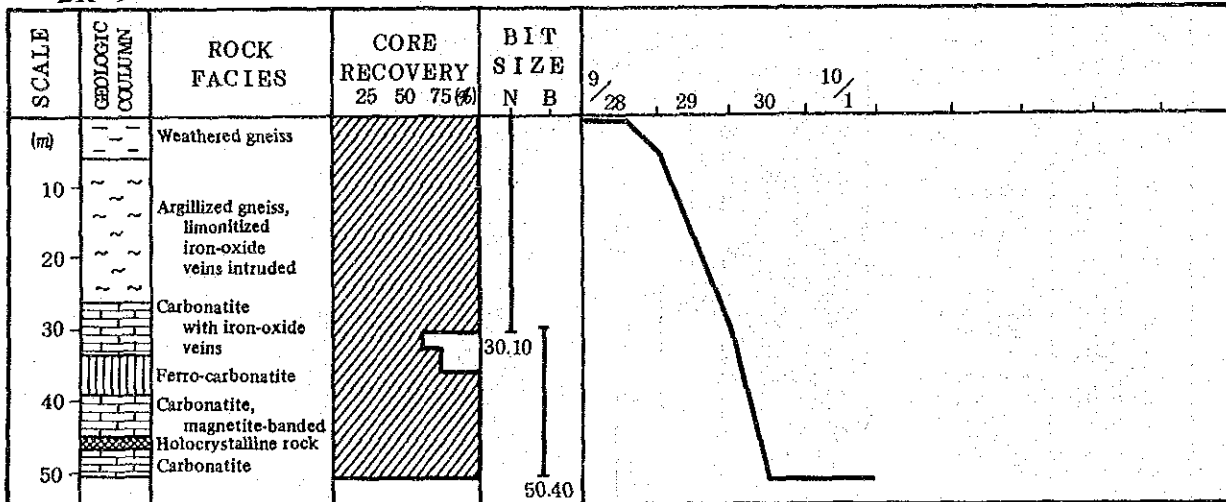
BR-7



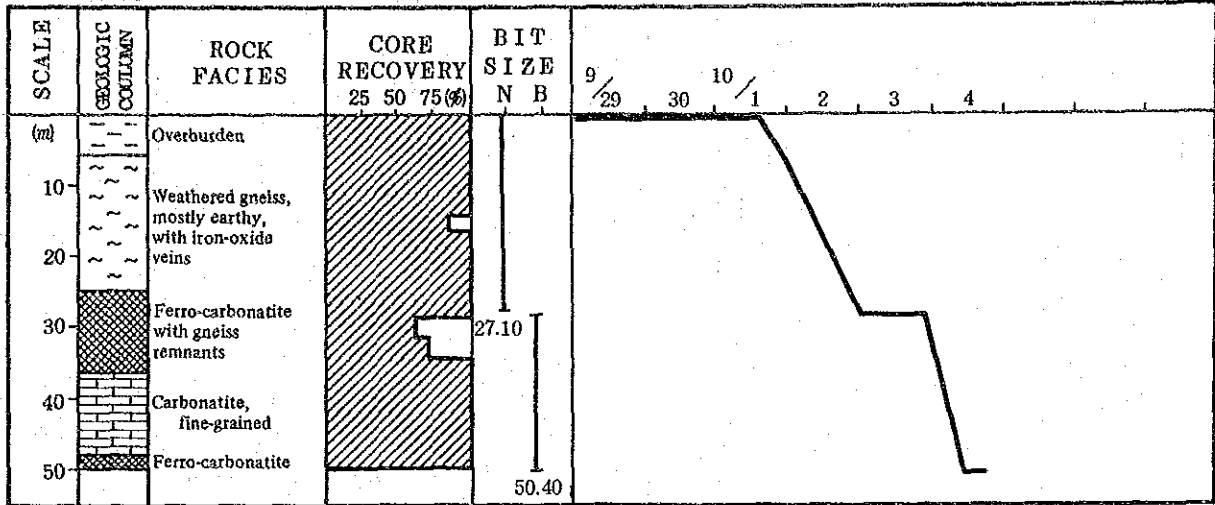
BR-8



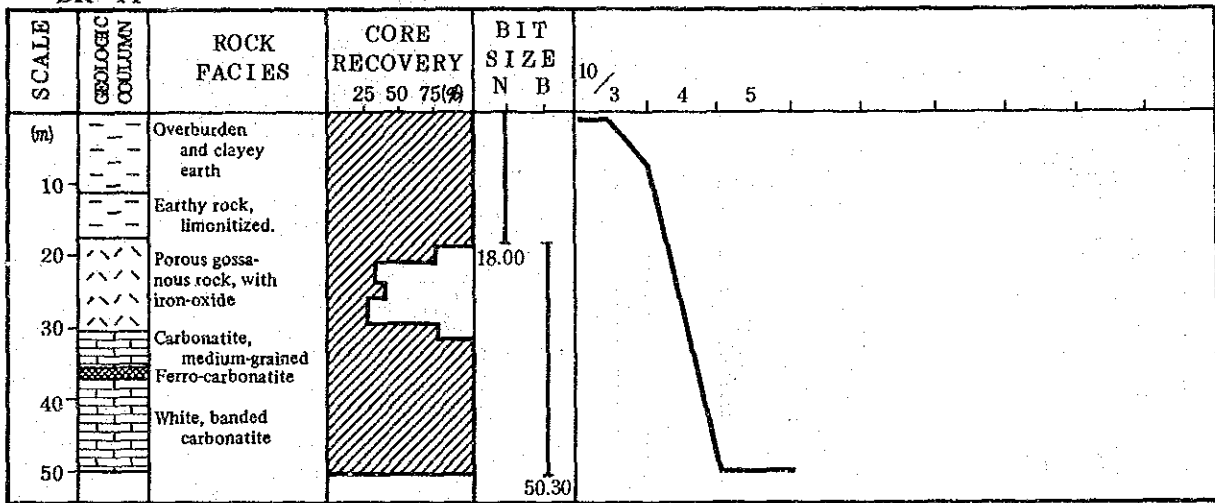
BR-9



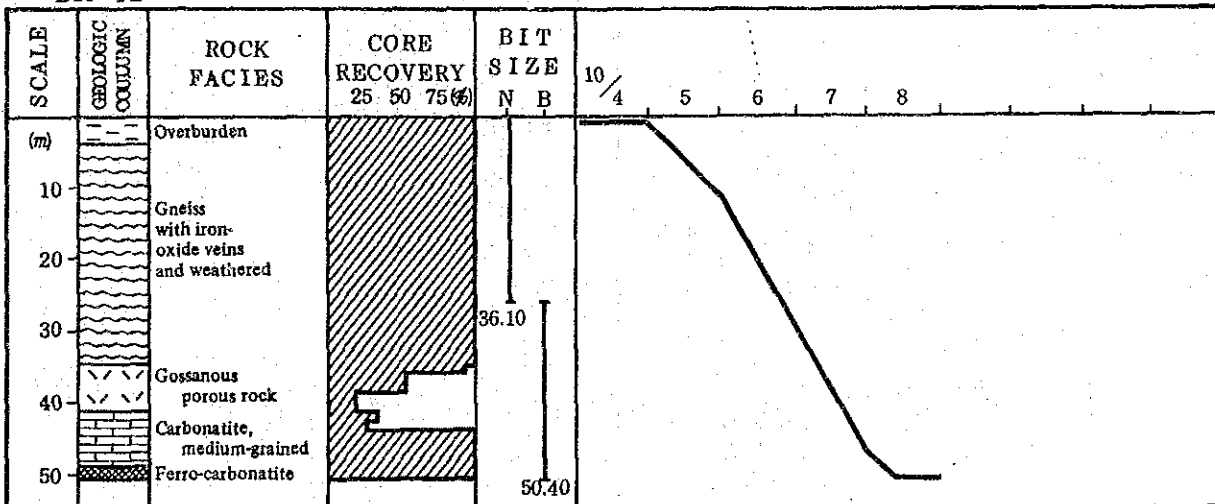
BR-10



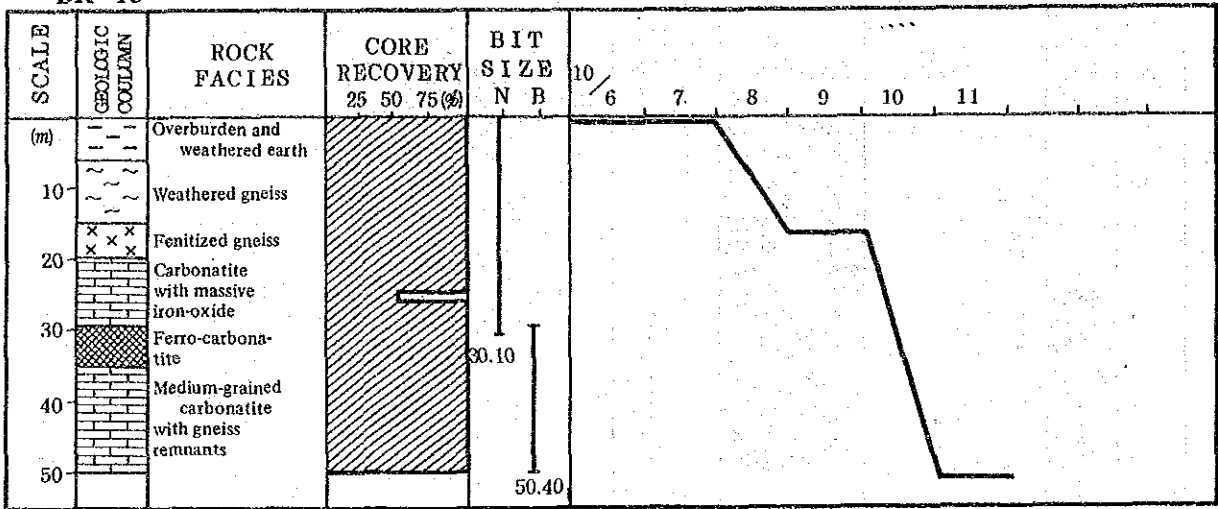
BR-11



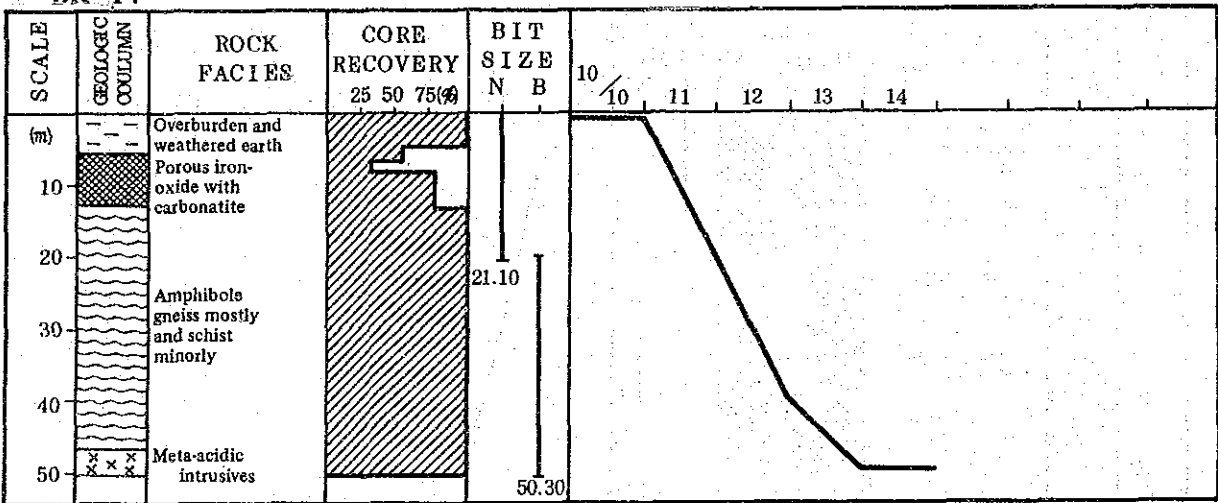
BR-12



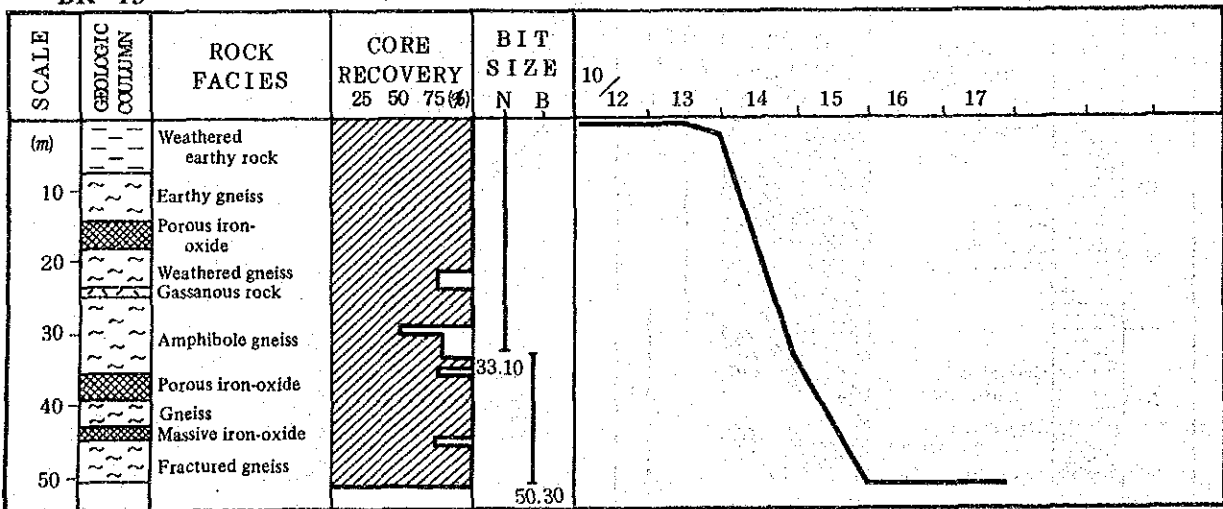
BR-13



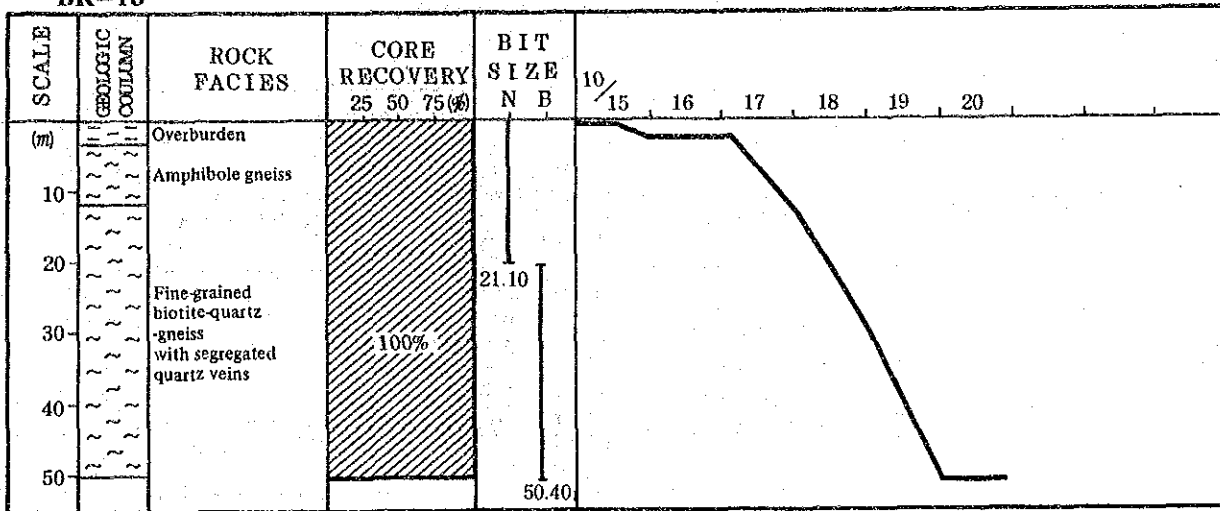
BR-14



BR-15



BR-16



Apx. 76 Drilling Progress by Hole

Apx. 77 Drilling Equipment


















Article	Model	Specification	Quantity
Drilling machine	THS-5 (TONE BORING)	Capacity : BQWL 290m Inner diameter of spindle : 80mm Spindle speed : 125, 250, 500 r.p.m Weight : 950kg	1 set
Motor	F2L912 (MITSUI-DEUTZ)	Diesel engine : Revolution : 2,500 r.p.m Related power : 30ps	1 set
Drilling machine	YBM-3ES (YOSHIDA BORING)	Capacity: BQWL 240m Inner diameter of spindle: 93mm Spindle speed: 125,250,500,750 r.p.m Weight: 650kg	1 set
Motor	NF-110EK (YANMAR DIESEL)	Diesel engine : Revolution : 2,400 r.p.m Related power : 11 p.s	1 set
Drilling pump	NAS-3B (TONE BORING)	Type : 2 piston Capacity (max) : 130 /min Pressure (max) : 26 kg/cm ²	1 set
Motor	NS-90C (YANMAR DIESEL)	Diesel engine : Revolution : 2,400 r.p.m Related power : 9 p.s	1 set
Drilling pump	NES-100 (TONE BORING)	Type : 2 piston Capacity (max) : 100 /min Pressure (max) : 30 kg/cm ²	1 set
Motor	NF-90K (YANMAR DIESEL)	Diesel engine : Revolution : 2,400 r.p.m Related power : 9 p.s	1 set
Water supply pump	MS-703 (DELTA ALAT)	Type : 2 piston Capacity (max) : 80 /min Pressure (max) : 40 kg/cm ²	1 set
Motor	E70-N (KUBOTA)	Diesel engine : Revolution : 3,000 r.p.m Related power : 7 p.s	1 set
Wire line hoist	For THS	Attached to drilling machine 300 m	1 set
Derrick	DRP-6	Pipe structural derrick 6.0 m	2 sets
Generator	EB 1500X (HONDA)	Gasoline engine : 1.5 kVA	1 set
Drill rod	Wire line rod	NQWL x 3 m BQWL x 3 m	80 pcs 70 pcs
Water tank		2 m ³	6 sets
Water supply pipe		25 mm ϕ polyvinyl pipes	960 m

Apx. 78 Amount of Consumed Materials and Diamond Bits

Article	Unit	BRL-1	BR-1	BR-2	BR-2'	BR-3	BR-4	BR-5	BR-6	BR-7	BR-8
Diamond bit (NQ)	pcs	1		1		1	3	1	1	1	1
do. (BQ)	pcs	2	1				4	1	2	1	1
Diamond reaming shell (NQ)	pcs	1		1						1	1
do. (BQ)	pcs	1	1						1		
Metal crown (NX)	pcs	1		1	1					1	
Core lifter (NQ)	pcs	3	1	1			1	1	1		
do. (BQ)	pcs	3	1		1	1	1	1	1	1	
Core lifter case (NQ)	pcs	2				1	1	1			
do. (BQ)	pcs	2	1			1	1	1	1		1
Core box (NQ)	pcs	15	5	3	6	6	3	4	4	4	4
do. (BQ)	pcs	9	1				3	2	2	2	2
Cutting Oil (Detergent powder)	Dz	7	2	2	2	2	2	2	2		
Diesel		680	200	160	220	160	280	220	200	180	180
Gasoline	"	50	25	20	30	20	35	30	25	25	25
Engine Oil	"	40	5	4	5	4	7	5	5	5	5
Grease	kg	3	1	1	1	1	1	1	1	1	1

Article	Unit	BR-9	BR-10	BR-11	BR-12	BR-13	BR-14	BR-15	BR-16	Total
Diamond bit (NQ)	pcs	1					1	1	1	15
do. (BQ)	pcs	1	1			1	1	2	2	20
Diamond reaming shell (NQ)	pcs	1	1			1	1	2	2	8
do. (BQ)	pcs	1	1				1	1	1	8
Metal crown (NX)	pcs			1	1	1	1	1	1	10
Core lifter (NQ)	pcs	1	1		1		1		1	11
do. (BQ)	pcs	1	1	1	1	1	1	1	1	19
Core lifter case (NQ)	pcs	1					1		1	8
do. (BQ)	pcs	1		1		1	1		1	13
Core box (NQ)	pcs	5	4	3	5	4	3	5	4	87
do. (BQ)	pcs	1	2	3	11	3	4	2	4	41
Cutting Oil (Detergent powder)	Dz			1	2	1	2	2	2	29
Diesel		140	180	120	260	140	220	160	260	3,960
Gasoline	"	20	25	25	35	20	25	20	35	490
Engine Oil	"	4	5	3	7	4	6	4	7	125
Grease	kg	1	1	1	1	1	1	1	1	20

REGEND AND ABBREVIATION FOR CORE LOG

Regend	Abbreviation
	Surface material
	Sandy material
	Clay
	Gossan
	Siliceous ore (Δ: brecciated)
	Ferruginous ore
	Ferrocarbonatite
	Alvikite (later stage)
	Carbonatite breccia
	Carbonatite
	Coarse-grained carbonatite
	Melanephelinite
	Fenite
	Metaintrusive
	Calcareous schist
	Amphibole gneiss
	Granitoid gneiss

Weathering	
S	:strong
M	:moderate
W	:weak
F	:fresh
Reaction to HCl	
+	:react
-	:not react
Magnetic test	
+	:magnetic
-	:non magnetic
Vein	
V	: vein part
A	: abundant
C	: common
R	: rare
N	: not veined
Tested Samples	
WA	: whole rock analysis
T	: thin section
P	: polished thin section
E	: EPMA test

DDH No. BRL-1
0-50 m

LOCATION { X: E740.860
(UTM GRID) Y: N9,979.271
ELEVATION : 1,373.0m

BEARING :
INCLINATION : -90°
LENGTH : 200.10m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE(°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS																COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY %	DEPTH (m)
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Yb (ppm)			
0		1.40	weathered porous lateritic overburden	S	-	-		BRL-1-01	0.00 1.40	<0.07	1.67	950	3650	520	57	805	0.190	0.34	0.13	176.9	54.9	23.4	28.2	4.6	0.66		0
		1.80	light grey fragments of gneiss	S	-	-																					
		4.80	strongly weathered porous lateritic rock with fragments of gneiss and iron-oxide veins	S	-	-	C	BRL-1-02	1.80 3.00	<0.07	2.43	800	2350	850	73	982	0.420	0.75	0.23	234.6	67.2	27.7	51.0	8.1	1.40		
5		4.80	light grey to brown weathered gneiss, strongly stained by ferric-oxide	S	-	-	C	BRL-1-03	3.90	<0.07	4.46	2100	2400	790	255	723	0.970	1.28	0.32	273.8	69.4	26.1	46.8	8.4	2.57		
		8.70	reddish brown, strongly weathered gneiss	S	-	-	C	BRL-1-04	8.70 11.30	<0.07	10.20	1250	1100	680	346	1438	2.120	2.11	0.50	354.2	106.2	32.8	32.3	5.6	4.73		
10		10.00	greyish brown, partly reddish brown weathered gneiss	S	-	-	C	BRL-1-05	12.05	<0.07	7.57	1950	1900	560	382	895	1.920	2.15	0.48	307.7	79.1	21.1	21.3	4.9	4.55		
		12.05	orange brown, iron-oxide networked and spotted weathered gneiss	S	-	-	A	BRL-1-06	12.95	<0.07	3.86	1400	690	550	201	1314	0.960	1.18	0.31	326.4	84.8	25.5	18.8	3.9	2.45		
15		15.00	dark grey, weathered earthy gneiss	S	-	-	C	BRL-1-07	15.00 11.50	<0.07	4.66	1800	820	510	265	1375	0.920	1.17	0.34	320.4	79.4	21.7	25.1	3.9	2.43		
		16.50	strongly veinletted gneiss	S	-	-	A	BRL-1-08	16.50 16.80	<0.07	4.80	1500	590	740	381	1277	1.420	1.63	0.38	344.9	88.4	31.8	32.9	5.9	3.43		
		16.80	dark grey weathered gneiss, weakly stained by ferric oxide	S	-	-	C	BRL-1-09	16.80 14.00	<0.07	6.25	2250	890	720	429	1338	1.910	2.06	0.45	336.9	92.6	30.2	36.3	6.1	4.42		
20		20.80	dark grey to reddish brown weathered gneiss, strongly stained by ferric-oxide	S	-	-	A	BRL-1-10	20.80 11.65	<0.07	6.38	1800	890	830	357	2025	2.310	2.44	0.54	422.0	113.0	38.2	31.9	5.2	5.29		
		22.45	light grey to dark grey fractured (by iron-oxide veinlets) gneiss	S	-	-	A	BRL-1-11	22.45 14.30	<0.07	5.22	2100	670	1100	362	1677	1.800	1.93	0.41	362.8	100.7	36.2	47.3	8.7	4.14		
		26.75	orange brown weathered gneiss, orange brown silicious veinlets and black iron-oxide veinlets predominant	S	-	-	A	BRL-1-12	26.75 12.75	<0.07	3.77	1000	240	560	246	1627	1.170	1.24	0.35	419.7	101.5	27.6	31.8	5.7	2.76		
30		29.50	same as above; (sampling boundary)	S	-	-	A	BRL-1-13	29.50 12.80	<0.07	6.05	1500	1300	810	220	1212	0.930	1.02	0.26	279.0	78.0	25.7	34.6	6.5	2.21		
		32.30	grey brecciated gneiss	S	-	-	R	BRL-1-14	32.30 32.80																		
		32.80	brownish grey strongly weathered, somewhat earthy iron-oxide	S	-	-	C	BRL-1-14	32.80 13.20	<0.07	2.73	1500	1200	800	133	1016	0.880	1.07	0.30	336.6	91.1	32.9	45.0	7.6	2.25		
35		36.00	reddish brown and black porous limonitized iron-oxide vein, black part : manganese ?	S	-	-	V	BRL-1-15	36.00 12.40	<0.07	4.51	3000	1900	1000	123	964	0.580	0.98	0.32	351.1	100.7	35.7	48.7	9.0	1.88		
		38.40	brownish grey strongly weathered gneiss with sporadic iron-oxide veinlets	S	-	-	C	BRL-1-16	38.40 3.00	<0.07	3.87	1450	480	800	99	889	0.840	1.09	0.26	309.2	88.1	32.4	38.3	7.8	2.19		
40		41.40	brownish grey hard compact siliceous iron-oxide, (core recovery very poor)	S	-	-	V	BRL-1-17	41.40 15.00	<0.07	1.83	3000	73	880	62	628	0.650	0.92	0.23	241.9	62.9	23.1	42.7	6.8	1.80		
45		44.40	pale grey porous weathered gneiss	S	-	-	C	BRL-1-18	44.40																		
		46.10	orange brown amorphous iron-oxide - silica mineral vein	S	-	-	V	BRL-1-18	46.10 3.10	<0.07	1.67	400	285	345	15	1071	0.170	0.35	0.16	265.3	67.4	18.0	21.0	4.0	0.68		
		49.20	orange brown granulated gneiss	S	-	-	C		49.20																		
50		50.00																									

Apx. 79 Geological Log of Diamond Drilling Hole, BRL-1-(1)

DDH No. BRL-1
50-100m

LOCATION { X: E740.860
(UTM GRID) Y: N9,979.271
ELEVATION : 1,373.0m

BEARING :
INCLINATION : -90°
LENGTH : 200.10m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY			DEPTH (m)					
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)		Tb (ppm)	Yb (ppm)	Lu (ppm)		0	50	100		
50			orange brown, strongly weathered granulated gneiss	S	-	-	C		BRL-1-19	(4.80)	<0.07	3.83	1250	730	730	4	1080	0.670	1.06	0.25	245.9	72.0	26.2	33.0	5.9	1.98					50	
		52.30	brown strongly weathered porous rock, fragmental core	S	-	-	C																									
		54.00	brown strongly weathered porous rock with fragments of green noncalcareous rock, dark grey and black iron-oxide veinlets developed,	S	-	-	C		BRL-1-20	(6.10)	<0.07	3.19	2100	1400	860	6	1457	0.630	0.94	0.30	380.3	111.9	35.4	29.6	4.5	1.87						
		60.10	brown, dark grey and reddish brown, variously coloured, strongly weathered porous rock, limonitized iron-oxide irregularly developed,	S	-	-	C		BRL-1-21	(5.55)	<0.07	4.24	1300	1050	880	9	1451	0.760	0.93	0.35	444.6	123.2	41.2	41.2	5.5	2.04						
		65.65	pale brown medium-grained carbonatite (massive to banded)	M	+	-	R		BRL-1-22	(1.75)	<0.07	3.47	1150	910	750	7	981	0.580	0.75	0.25	360.2	110.5	39.4	34.1	3.9	1.58						
		67.40	brown iron-oxide ore, partly calcareous (ferro-carbonatite)	M	±	-	V	←68.10m	BRL-1-23	(1.20)	<0.07	2.07	700	540	420	4	1020	0.240	0.51	0.24	368.7	88.6	24.3	22.6	2.7	0.99						
		68.60	greyish brown, banded, medium-grained carbonatite with limonitized magnetite bands and spots	M	+	-	R	BRL-1-A (WA, T, E)	BRL-1-24	(3.20)	<0.07	3.35	1350	1650	780	6	1208	0.480	0.68	0.27	494.0	137.4	40.9	38.2	4.9	1.43						
		71.80	brown limonitized iron-oxide (vein part)	M	-	-	V		BRL-1-25	(1.95)	<0.07	3.48	950	460	840	5	1028	0.230	0.45	0.27	381.9	98.2	32.0	35.1	3.9	0.95						
		72.75	brownish grey, banded, medium-grained carbonatite, with minor greenish grey bands	M	+	-	R	(WA, T) BRL-1-B 74.10m	BRL-1-26	(2.10)	<0.07	4.79		660	580	8	1054	0.680	1.17	0.43	407.4	101.2	31.0	38.7	4.4	2.28						
		74.85	black (manganese ?) iron-oxide vein	M	-	-	V																									
		75.00	pale grey, weakly ferric-oxide stained, medium-grained banded carbonatite	M	+	-	R		BRL-1-27	(2.80)	<0.07	4.93	2200	295	590	6	672	1.500	1.50	0.31	238.3	65.2	22.9	27.3	3.4	3.31						
		77.60	grey fresh, medium-grained carbonatite	M	+	+	R																									
		78.40	beige very fine-grained alvikite dike (later stage)	W	+	-	V		BRL-1-28	(2.80)	<0.07	2.68	1500	420	660	3	912	0.500	0.85	0.29	396.6	109.7	32.9	38.0	4.6	1.64						
		80.40	pale grey medium-grained magnetite band rich carbonatite	W	+	+																										
			pale grey to white medium-grained banded carbonatite	W	+	+	R																									
		84.30	pale grey coarse-grained carbonatite, magnetite band rich	W	+	+	R																									
		84.50	pale grey to white medium-grained carbonatite	W	+	+	R	←85.40m BRL-1-C (WA, T)	BRL-1-29	*85.40	<0.07	0.48	2900	370	340	1	258	0.110	0.19	0.05	83.3	23.5	11.2	22.2	3.5	0.35						
		87.10	white, magnetite poor, medium-grained carbonatite	W	+	+	R																									
		87.80	grey, medium-grained magnetite rich carbonatite	W	+	+	R																									
		89.30	pale grey to white, banded, magnetite rich medium-grained carbonatite with dissemination of fluorite beige alvikite veinlets developed	W	+	+	R																									
		92.80	beige very fine-grained alvikite (dike swarm)	W	+	+	R																									
		93.40	pale grey to white, medium to coarse-grained carbonatite, magnetite band weakly developed, beige alvikite (later-stage) veinlet developed	W	+	+	R																									
		98.30	white coarse-grained carbonatite (sovitic)	F	+	+	R																									
100																																

Apx. 79 Geological Log of Diamond Drilling Hole, BRL-1-(2)

DDH No. BR-4

LOCATION { X: E 740.978
(UTM GRID) Y: N 9,979.395
ELEVATION : 1,346.0m

BEARING :
INCLINATION : -90°
LENGTH : 50.50m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE(°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)			
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)				Tb (ppm)	Yb (ppm)	Lu (ppm)
0		0.70	orange brown weathered earthy rock	S	-	-	-		BR-4-01	0.70 (0.30)	<0.07	12.60	2100	275	370	<3	219	0.320	0.33	0.08	71.5	19.5	8.8	15.9	1.9	0.73		0
		2.00	dark grey very fine-grained siliceous rock (dike)	M	-	-	R																					
		3.60	brownish grey strongly weathered earthy rock with magnetite fragments	S	-	+	C																					
5		5.40	dark grey very fine-grained iron oxide-silica mineral rock	M	-	-	R		BR-4-02	3.60 (1.80)	0.07	4.90	1050	1150	500	<3	466	0.550	0.82	0.24	198.7	43.8	15.7	23.4	3.3	1.61		
		8.10	grey, partly orange brown porous rock, strongly limonitized	S	-	-	A		BR-4-03	5.40 (4.20)	<0.07	5.21	2800	1250	700	<2	757	0.680	0.80	0.25	265.7	58.0	21.9	35.0	4.7	1.73		
		9.60	brown weathered earthy rock with magnetite grains	S	-	+	C																					
10		11.30	dark grey very fine-grained iron oxide-silica rock (dike)	M	-	-	R	10.40m BR-4-A (WA, P)	BR-4-04	9.60 (1.70)	<0.07	1.29	550	205	330	1	450	0.210	0.47	0.21	212.0	37.8	10.9	16.1	2.4	0.89		
		15.00	dark brown porous weathered gneiss intruded by abundant dark grey very fine-grained iron oxide-silica veins	S	-	-	A		BR-4-05	11.30 (3.70)	<0.07	2.71	4050	1500	1200	<3	839	0.650	0.89	0.24	319.6	77.1	31.8	51.9	7.1	1.78		
15		15.55	dark grey very fine-grained compact iron oxide-silica vein	M	-	-	-																					
		18.50	light grey and partly grey siliceous hard compact rock (vein or dike)	M	-	-	R	17.00m BR-4-B (WA, P)	BR-4-06	15.00 (3.80)	<0.07	2.29	850	1250	600	<3	767	0.620	0.70	0.19	277.5	69.5	24.3	23.7	3.4	1.51		
20		18.80	orange brown limonitized very fine-grained iron-oxide vein	S	-	-	A																					
		23.50	dark grey very fine-grained hard siliceous iron-oxide rock with roosy porous part	M	-	-	R		BR-4-07	18.80 (4.70)	<0.07	1.65	1000	420	420	2	868	0.410	0.59	0.19	277.2	61.6	19.9	18.5	3.1	1.19		
25		27.00	dark brownish grey porous magnetite rich rock (original rock : ferro-carbonatite ?)	S	-	+	A		BR-4-08	23.50 (3.50)	<0.07	4.83	1050	840	610	<16	778	0.610	1.12	0.37	306.5	72.2	21.9	28.1	3.6	2.10		
30		33.10	orange brown, limonitised very fine-grained iron-oxide ore (vein), magnetic, possibly oxidized products of ferro-carbonatite	S	-	+	A		BR-4-09	27.00 (6.10)	<0.07	2.78	1650	700	1050	<2	945	0.520	0.89	0.29	309.4	81.6	26.3	40.4	5.8	1.70		
35		34.90	dark grey to black gneiss stained by ferric oxide	S	-	-	V																					
40		40.50	grey to white, occasionally orange brown gneiss, weakly veined by limonitized iron-oxide	S	-	-	C																					
		40.70	brown weathered porous gneiss	M	-	-	C																					
45		42.20	pale brown and white, parti-coloured heterogeneous medium to coarse-grained carbonatite (sovitic), locally banded, locally ferrous part (ferro-carbonatite)	M	+	+	C		BR-4-10	42.20 (3.80)	<0.07	2.74	3200	530	730	2	568	0.470	0.59	0.15	182.5	59.5	25.9	42.2	5.7	1.21		
		46.00		M	+	+	C	45.20m BR-4-C (WA, T)	BR-4-11	46.00 (4.50)	<0.07	3.56	3150	390	430	2	496	1.240	1.22	0.23	172.0	49.9	16.6	15.6	3.1	2.69		
50		50.50								50.50																		

Apx. 83 Geological Log of Diamond Drilling Hole, BR-4

DDH No. BR-6

LOCATION { X: E 740.868
(UTM GRID) Y: N 9,979.515
ELEVATION : 1,349.0m

BEARING :
INCLINATION : -90°
LENGTH : 50.10m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (m)			
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)				Tb (ppm)	Yb (ppm)	Lu (ppm)
0			reddish brown decomposed earthy rock	S	-	-		BR-6-01	0.00 (2.90)	<0.07	3.90	1450	930	810	7	551	0.700	0.72	0.18	232.6	79.2	36.2	39.9	4.9	1.60		0	
1.80		1.80	greynish brown decomposed earthy rock	S	-	-			2.90																			
2.90		2.90	greenish grey decomposed fragmental to earthy rock original rock : chloritized gneiss some part : orange brown (vein)	S	-	-																						
5		5.60	reddish brown to purple brown strongly veinletted rock original rock : green gneiss	S	-	-	F	BR-6-02	5.60 (3.00)	<0.07	4.19	500	840	530	18	520	0.350	0.45	0.15	207.1	64.3	26.5	21.1	2.3	0.95			
8.60		8.60	purple red to black, limonitized iron-oxide ore	S	-	-	V	BR-6-03	8.60 (4.60)	<0.07	2.18	1700	305	700	26	690	0.670	1.15	0.33	230.6	53.7	19.3	17.8	3.6	2.15			
10		13.20	grey strongly weathered earthy rock, stained orange brown by oxidation of vein original rock : green gneiss	S	-	-	C		13.20																			
15		16.30	strongly limonitized rock stained orange brown to black	S	-	-	A	BR-6-04	16.30 (11.00)	<0.07	7.38	2200	270	860	80	780	0.350	0.52	0.21	237.4	72.8	29.9	32.6	4.6	1.08			
17.30		17.30	brown limonitized iron-oxide vein	S	-	-	C																					
18.70		18.70	greenish grey, strongly weathered earthy gneiss moderately veinletted	S	-	-	C	BR-6-B																				
19.00		19.00	greenish grey sheared gneiss with quartzose gneiss breccia	S	-	-	C																					
20		22.60	orange brown to black porous gossan-like ore	S	-	-	V	BR-6-05	22.60 (11.40)	<0.07	12.00	2550	475	740	143	580	2.120	1.98	0.41	233.1	59.9	20.6	26.2	4.7	4.51			
23.90		23.90	dark grey, grey and reddish brown, siliceous compact iron-oxide rock with small amount of breccias of gneiss	M	-	-	V	BR-6-06	23.90 (3.90)	<0.07	5.11	2400	1250	670	114	655	1.390	1.63	0.35	243.6	54.9	17.2	28.6	4.3	3.37			
25		25.30	orange brown siliceous iron-oxide rock	M	-	-	V	BR-6-07	25.30 (2.40)	<0.07	5.19	2800	630	570	99	487	1.080	1.31	0.30	202.7	49.5	21.0	27.4	4.2	2.69			
29.20		29.20	purplish grey very fine-grained compact iron-oxide ore	M	-	-	V																					
30		30.50	pale grey quartzose gneiss	M	-	-	C	BR-6-C	30.50 (31.60)																			
31.60		31.60	dark brown partly orange brown siliceous iron-oxide ore	M	-	-	V																					
32.50		32.50	reddish brown to black porous gossan-like ore, strongly limonitized	S	-	-	V	BR-6-08	32.50 (15.00)	<0.07	6.35	1950	810	650	49	994	1.110	1.56	0.46	346.8	80.5	22.5	27.7	4.8	3.13			
35		35.00	brownish grey, weathered chlorite bearing gneiss	M	-	-	C																					
37.50		37.50	grey compact, hard silica-iron oxide ore	M	-	-	V																					
39.30		39.30	orange brown limonitized iron-oxide ore	S	-	-	V	BR-6-09	39.30 (3.80)	<0.07	4.58	2000	310	730	20	719	0.960	1.52	0.44	293.7	61.6	14.1	38.3	5.8	2.92			
40		40.60	brown to dark brown, partly grey, compact siliceous iron-oxide	M	-	-	V	BR-6-10	40.60 (3.20)	<0.07	6.43	1900	140	550	37	537	0.580	1.00	0.31	221.2	51.0	15.6	28.4	4.2	1.89			
43.10		43.10	brownish grey weathered gneiss	S	-	-	C																					
45		46.30	grey, partly orange brown siliceous iron-oxide ore	S	-	-	V	BR-6-11	46.30 (47.40)	<0.07	5.49	2650	265	910	50	706	0.850	1.40	0.42	290.1	69.2	23.2	45.7	6.4	2.67			
46.30		46.30	brown weathered gneiss	S	-	-	C																					
47.40		47.40																										
49.30		49.30																										
50		50.10																										

Apx. 85 Geological Log of Diamond Drilling Hole, BR-6

DDH No. BR-8

LOCATION { X : E 740.697
(UTM GRID) Y : N 9,979.057
ELEVATION : 1,331.5m

BEARING :
INCLINATION : -90°
LENGTH : 50.40m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY %	DEPTH (m)		
									SAMPLE No.	DEPTH and WIDTH (m)	Au (g/t)	Ba (%)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (%)	Ce (%)	Nd (%)	Sm (ppm)	Eu (ppm)				Tb (ppm)	Yb (ppm)
0			reddish brown strongly weathered earthy rock,	S	-	-		BR-8-01	0.00 (6.00)	<0.07	6.80	1450	620	720	132	935	1.190	1.28	0.29	307.8	79.2	28.0	28.7	5.8	2.76		0
5		6.00	dark grey argillized material	S	-	-		BR-8-02	6.00 (1.70)	<0.07	4.98	1000	1100	570	133	976	1.130	1.33	0.36	349.0	90.5	30.4	22.3	3.7	2.82		5
		7.70	dark grey, partly orange brown weathered gneiss with limonitized iron-oxide	S	-	-		BR-8-03	7.70 (1.50)	<0.07	3.63	950	445	480	77	730	0.630	0.81	0.22	280.1	68.2	20.2	19.3	3.7	1.66		10
		9.20	dark grey sandy slim-like material	S	-	-		BR-8-04	9.20 (2.80)	<0.07	7.21	850	1650	690	132	744	1.170	1.28	0.31	301.4	62.5	30.2	27.2	4.4	2.76		10
		12.00	orange brown hard compact siliceous iron-oxide ore (vein)	S	-	-	V																				
		13.20	orange brown stained gneiss with siliceous iron-oxide vein	S	-	-	A																				
		14.75	reddish brown gneiss veined by iron oxide	S	-	-	A																				
		16.40	black stained gneiss with abundant limonitized iron-oxide vein	S	-	-	A																				
		19.40	brown stained frangmental core of gneiss with orange brown or black limonitized iron-oxide vein	S	-	-	A																				
		23.80	dark grey to brown, veined gneiss	S	-	-	A																				
		25.65	22.50-25.60 : dark grey massive iron-oxide vein	S	-	-	A																				
		26.20	grey, fine to medium-grained carbonatite stained by ferric oxide	S	+	+	R	BR-8-07	25.65 (0.55) 26.20	<0.07	1.53	2250	240	730	2	470	0.390	0.47	0.11	132.7	41.6	23.0	34.0	4.9	0.97		25
			brown, partly orange brown weathered gneiss with abundant limonitized iron-oxide veinlets, generally porous by leaching width of veinlets : < 1 cm	S	-	-	A	BR-8-08	(7.85)	<0.07	7.67	1900	570	680	25	702	1.330	1.26	0.29	220.2	65.0	21.4	33.7	4.9	2.88		30
		34.05	pale brownish grey fine to medium-grained banded carbonatite with fine-grained apatite dissemination	M	+	+	R	BR-8-09	34.05 (3.05)	<0.07	3.51	1500	610	350	21	376	1.520	1.50	0.28	211.0	43.6	13.7	18.5	2.8	3.30		35
		37.10	dark brown veined gneiss,	M	-	-	A	BR-8-A (WA, P)	37.10	<0.07	2.31	1750	3100	540	12	582	0.270	0.38	0.11	167.5	43.3	19.1	31.0	5.9	0.76		40
		39.40	orange brown limonitized iron-oxide vein	M	-	-	V	BR-8-10	(2.45)	<0.07	2.31	1750	3100	540	12	582	0.270	0.38	0.11	167.5	43.3	19.1	31.0	5.9	0.76		40
		39.55	dark brown to reddish brown, strongly stained, fine to medium-grained carbonatite, irregular veinlets developed,	M	+	+	C	BR-8-11	(2.80)	<0.07	3.29	1550	720	640	20	802	0.650	0.80	0.21	277.6	70.8	25.9	28.8	5.1	1.66		40
		42.35	pale brown, modelately stained fine to medium-grained carbonatite, sporadic iron-oxide veinlets developed,	M	+	+	R	BR-8-12	(4.75)	<0.07	2.08	2050	700	600	13	799	0.660	0.76	0.18	236.5	62.8	24.4	34.0	5.3	1.60		45
		47.10	pale grey to white, fresh, heterogeneous medium-grained carbonatite, grey part is rich in magnetite, 47.10 m: water table	W	+	+	R	BR-8-13	(3.30)	<0.07	3.63	1750	380	440	8	769	0.760	0.94	0.24	261.7	58.6	19.7	19.7	3.4	1.94		50

Apx. 87 Geological Log of Diamond Drilling Hole, BR-8

