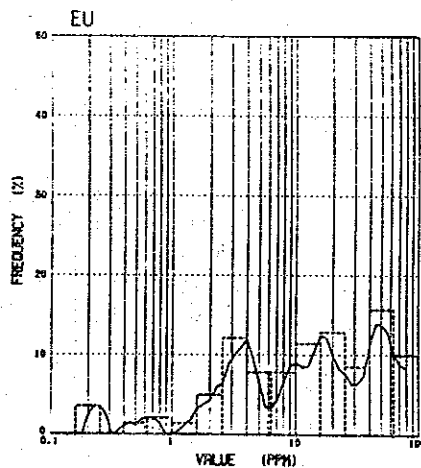
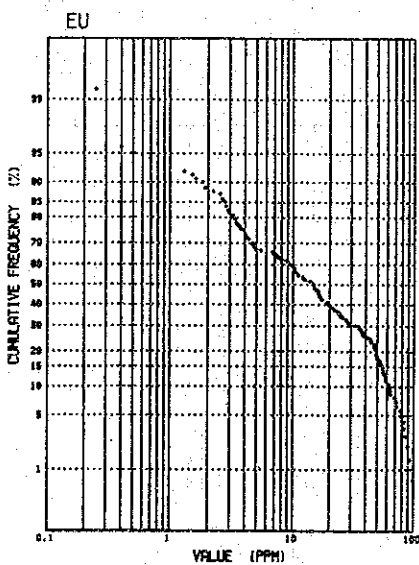
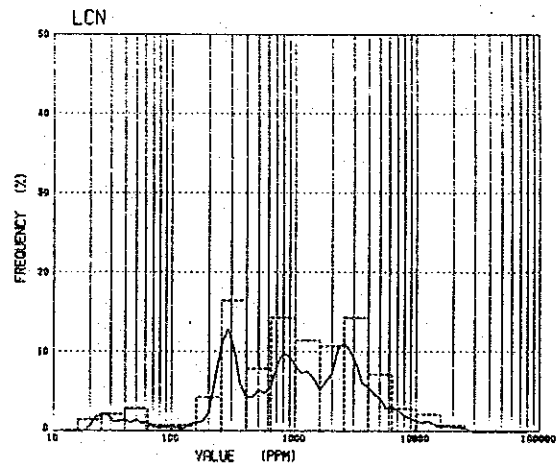
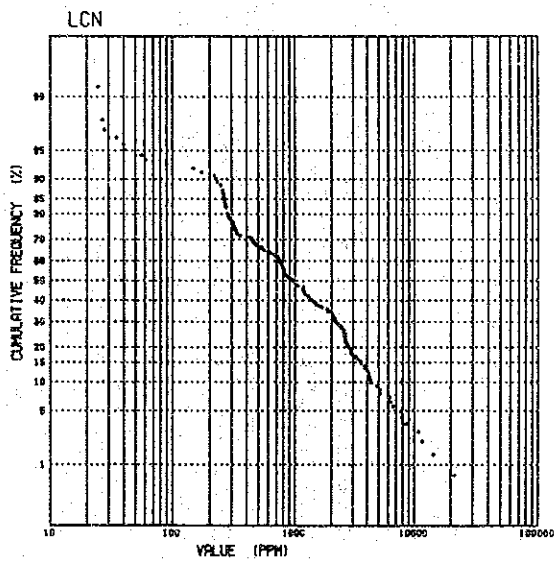
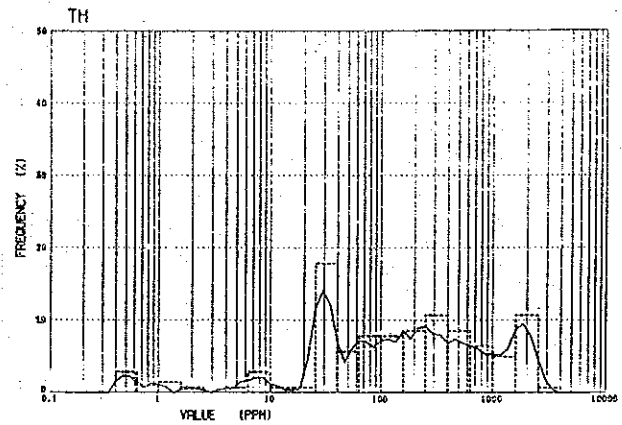
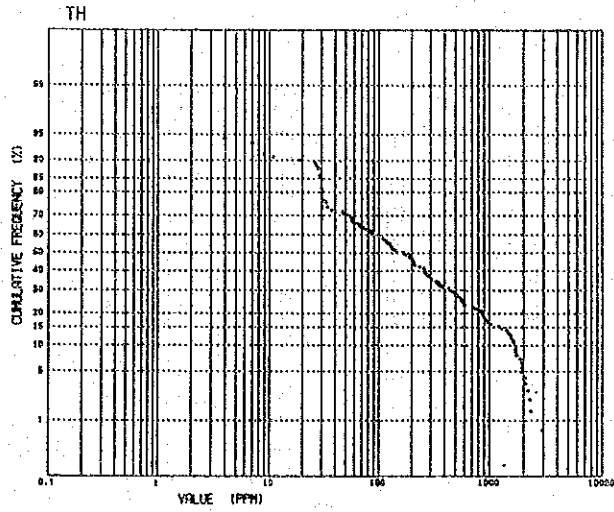
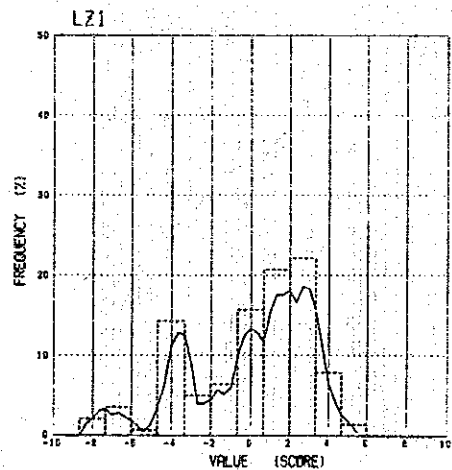
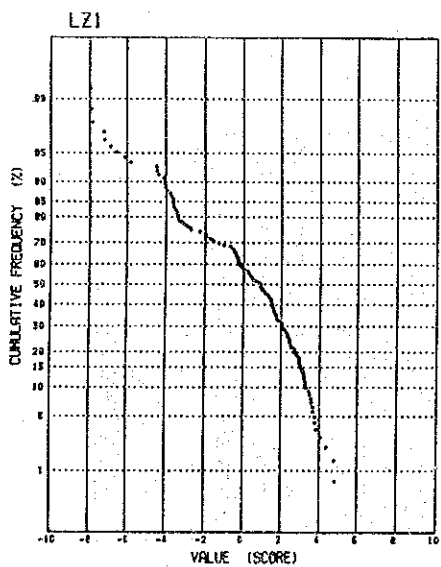
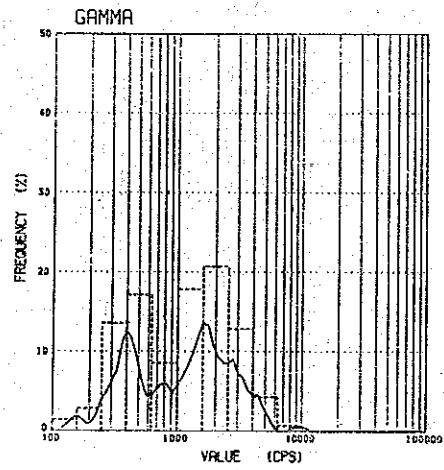
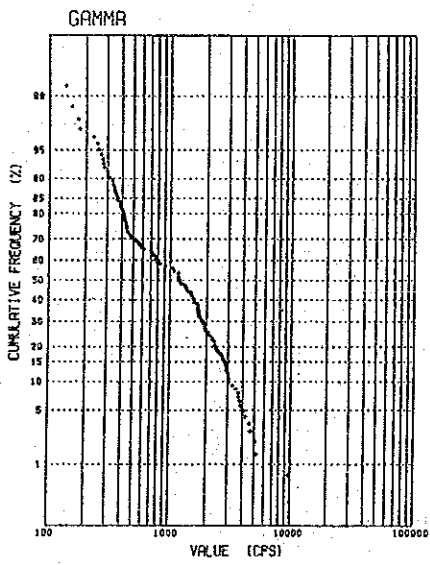
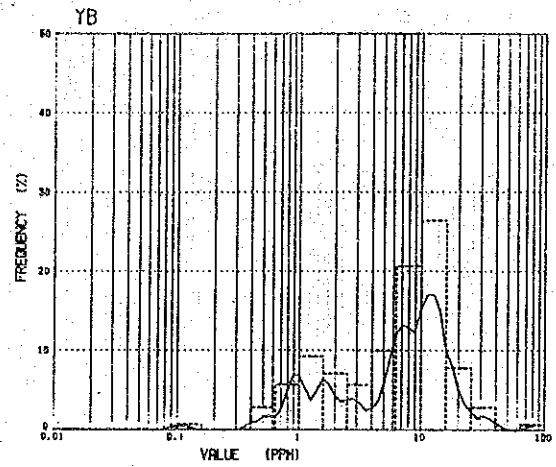
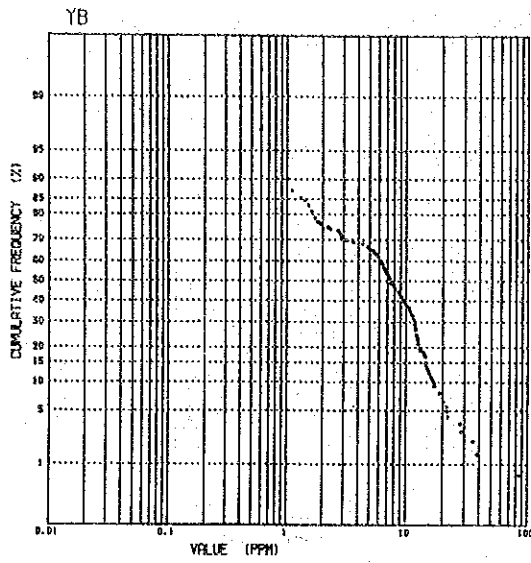


Apx. 59 Cumulative Frequency Distributions and Histograms of Elements – Lwala Sector –

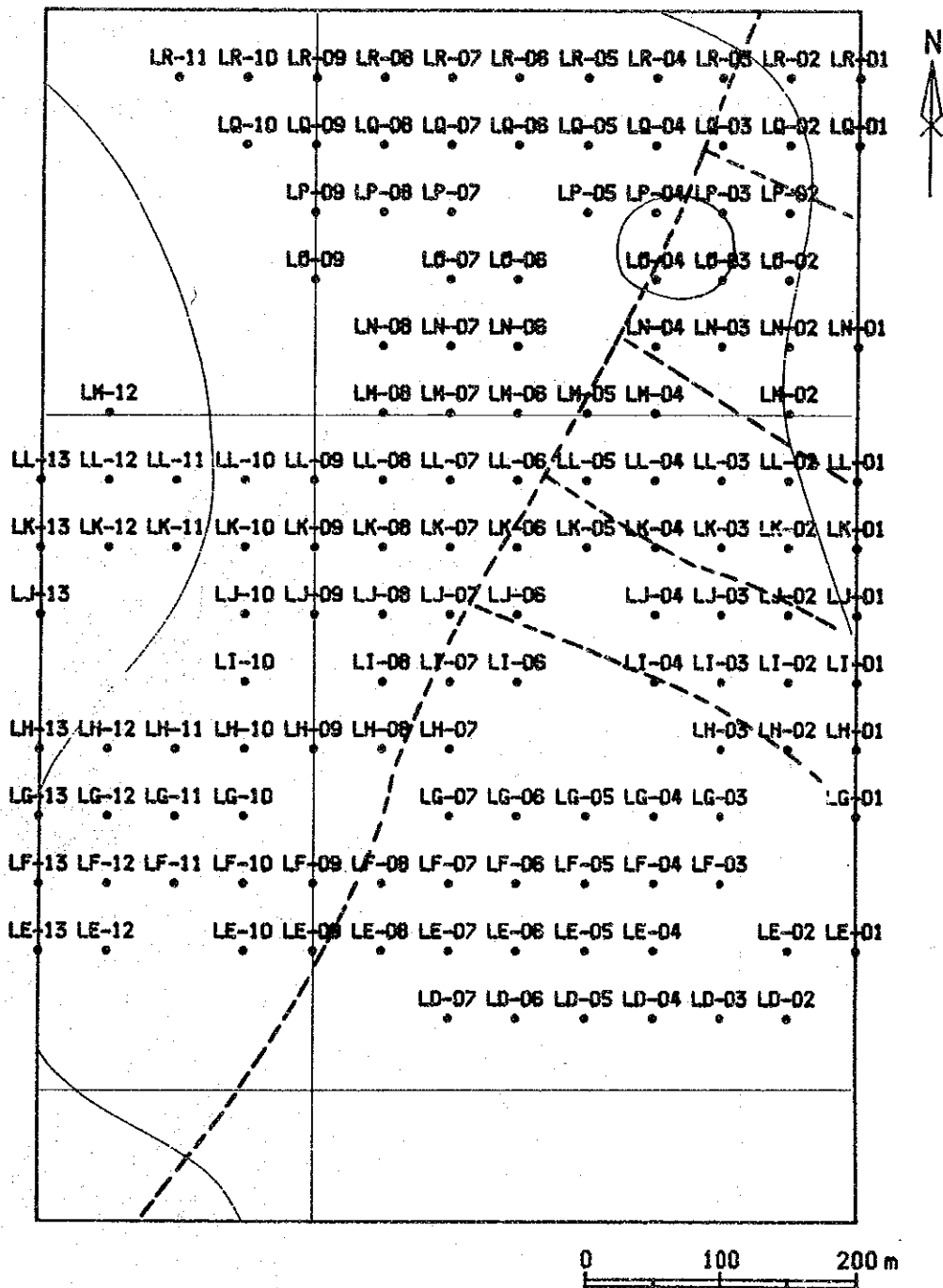


Apx. 59 Cumulative Frequency Distributions and Histograms of Elements – Lwala Sector –



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

LWALA AREA



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

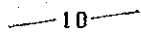
AREA NAME = LWALA
 FILE NAME = P
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 3
 MINIMUM = .1
 THRESHOLD = .6
 MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

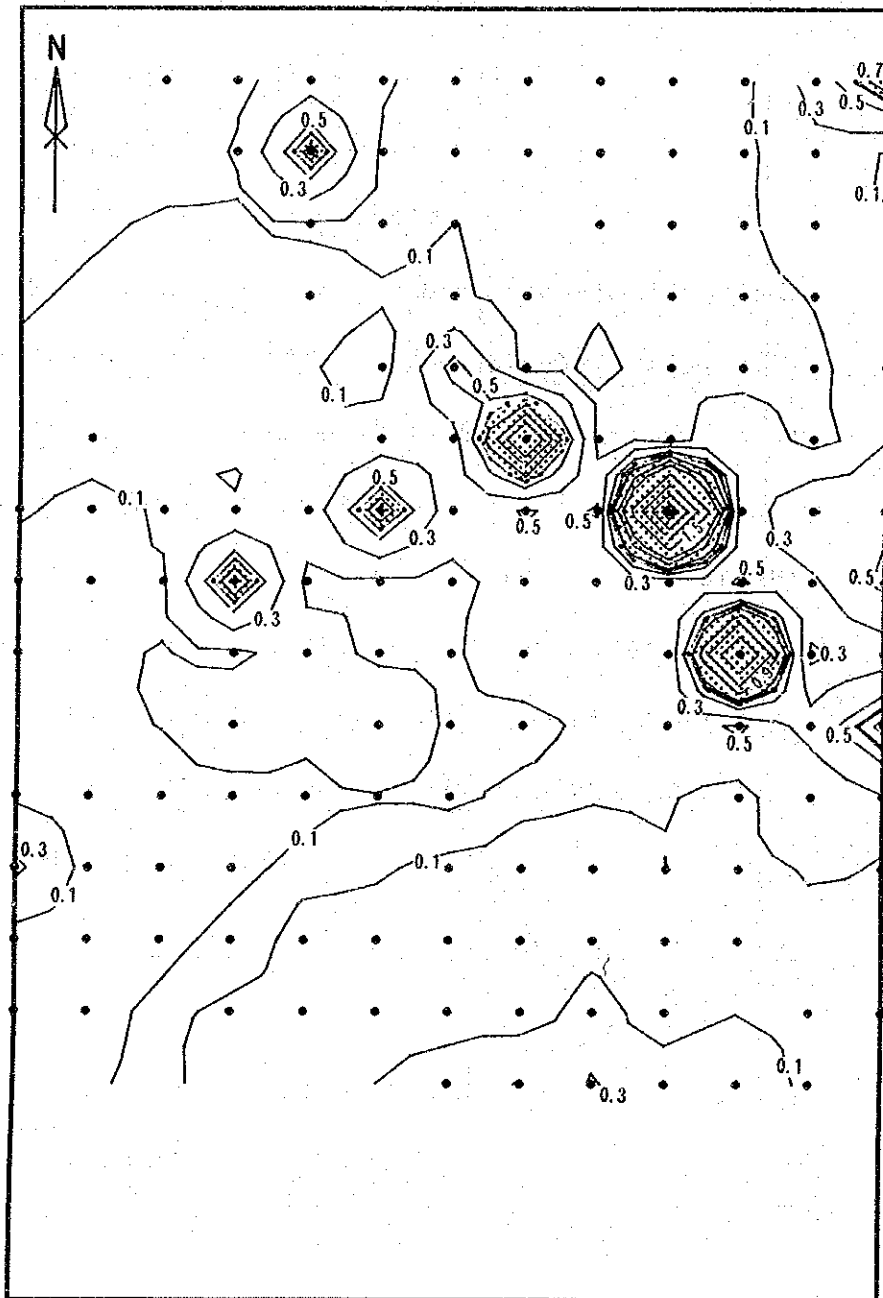
THRESHOLD CONTOUR LINE



CONTOUR LINE AND
CONTOUR VALUE (%)



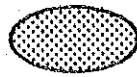
SAMPLE POINT



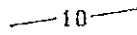
Apx. 61 Geochemical Density and Anomaly Map of P – Lwala Sector –

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

LEGEND



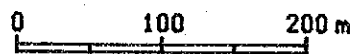
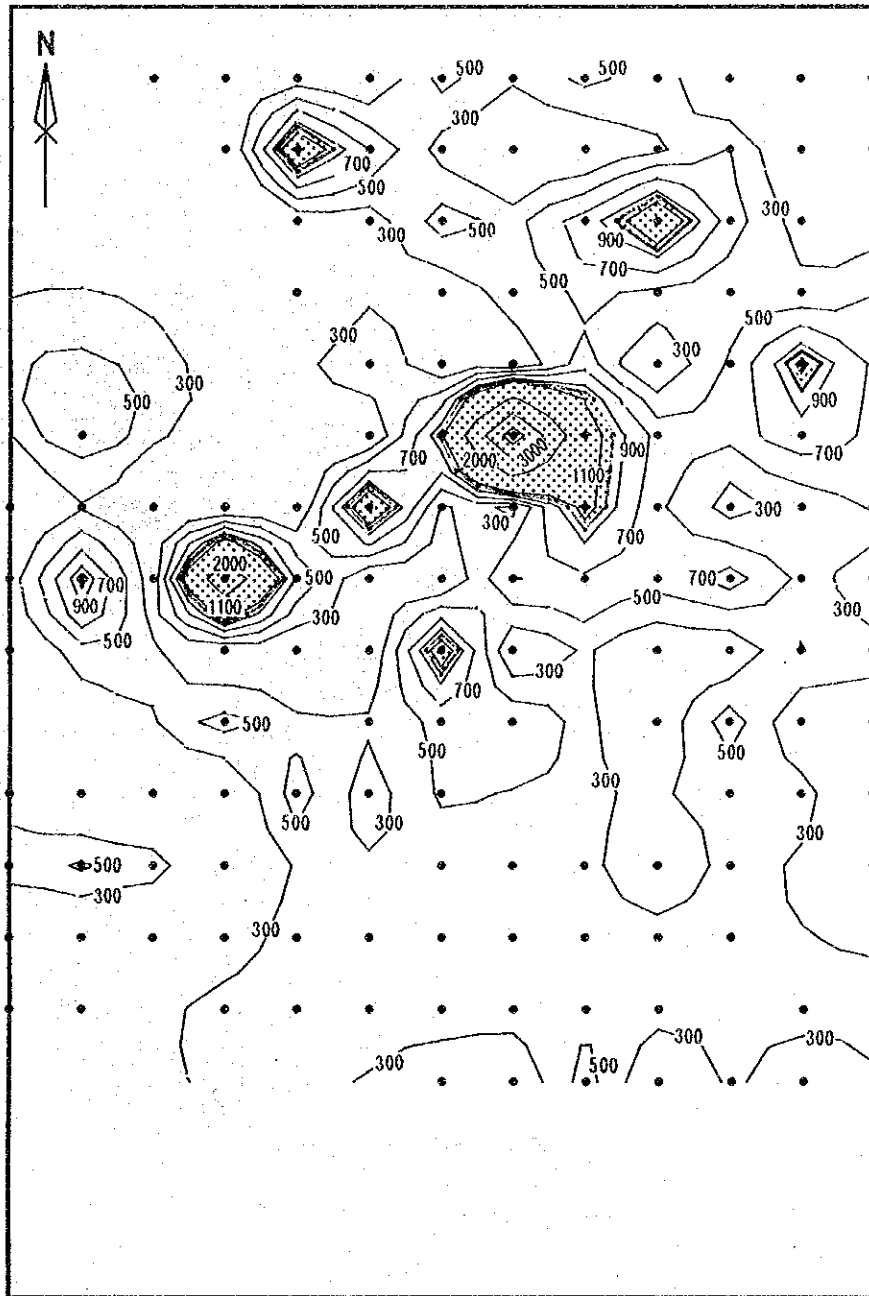
ANOMALY ZONE
 THRESHOLD CONTOUR LINE



CONTOUR LINE AND
 CONTOUR VALUE (ppm)



SAMPLE POINT



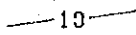
Apx. 62 Geochemical Density and Anomaly Map of Nb - Lwala Sector -

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



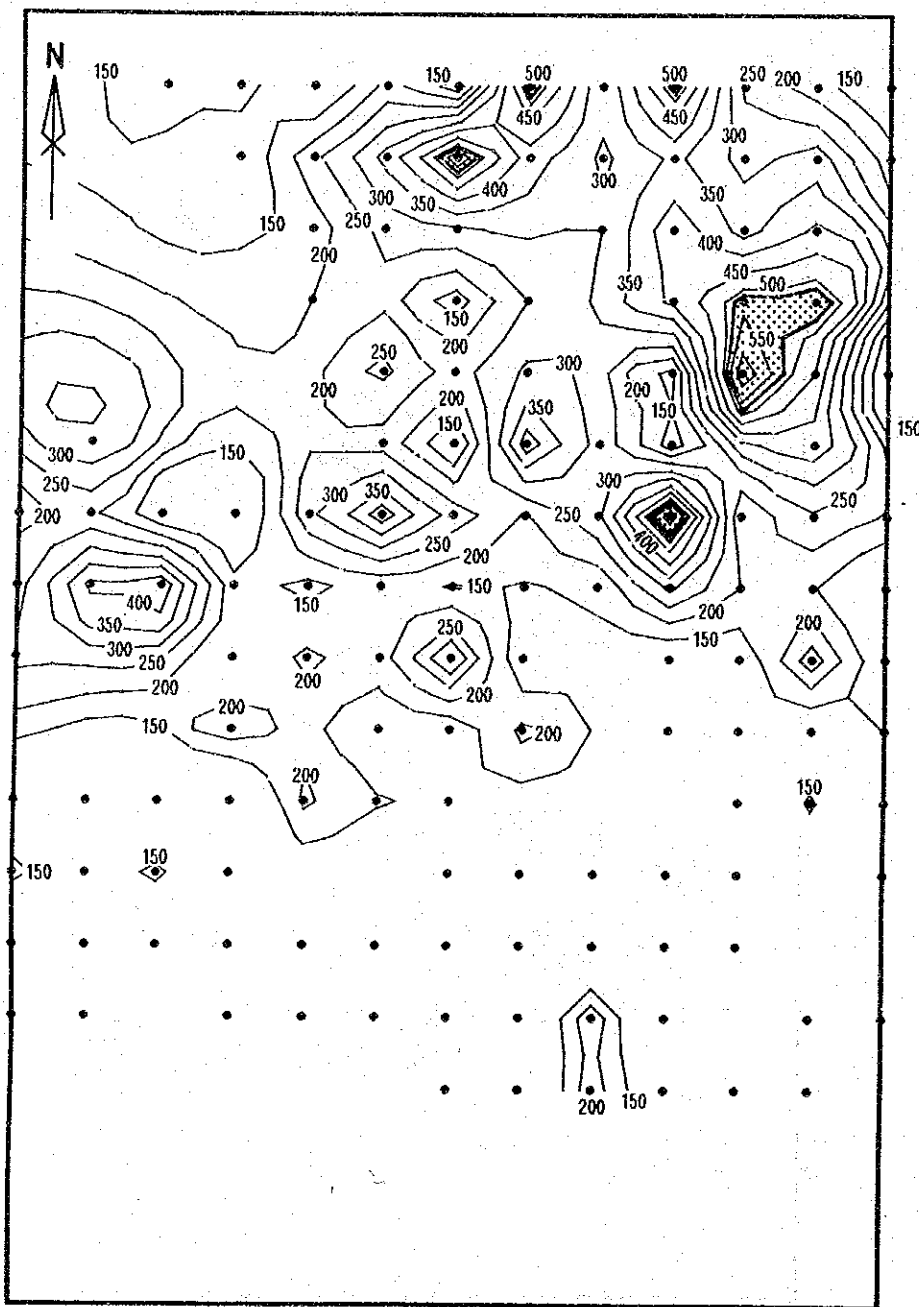
ANOMALY ZONE
 THRESHOLD CONTOUR LINE



CONTOUR LINE AND
 CONTOUR VALUE (ppm)



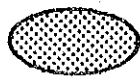
SAMPLE POINT



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

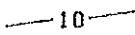
AREA NAME = LWALA
 FILE NAME = TH
 NO. OF SAMPLE = 140
 CONTOUR VALUE
 MAXIMUM = 2500
 MINIMUM = 200
 THRESHOLD = 1100
 MAP SCALE = 1:5000

LEGEND



ANOMALY ZONE

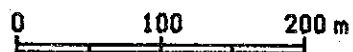
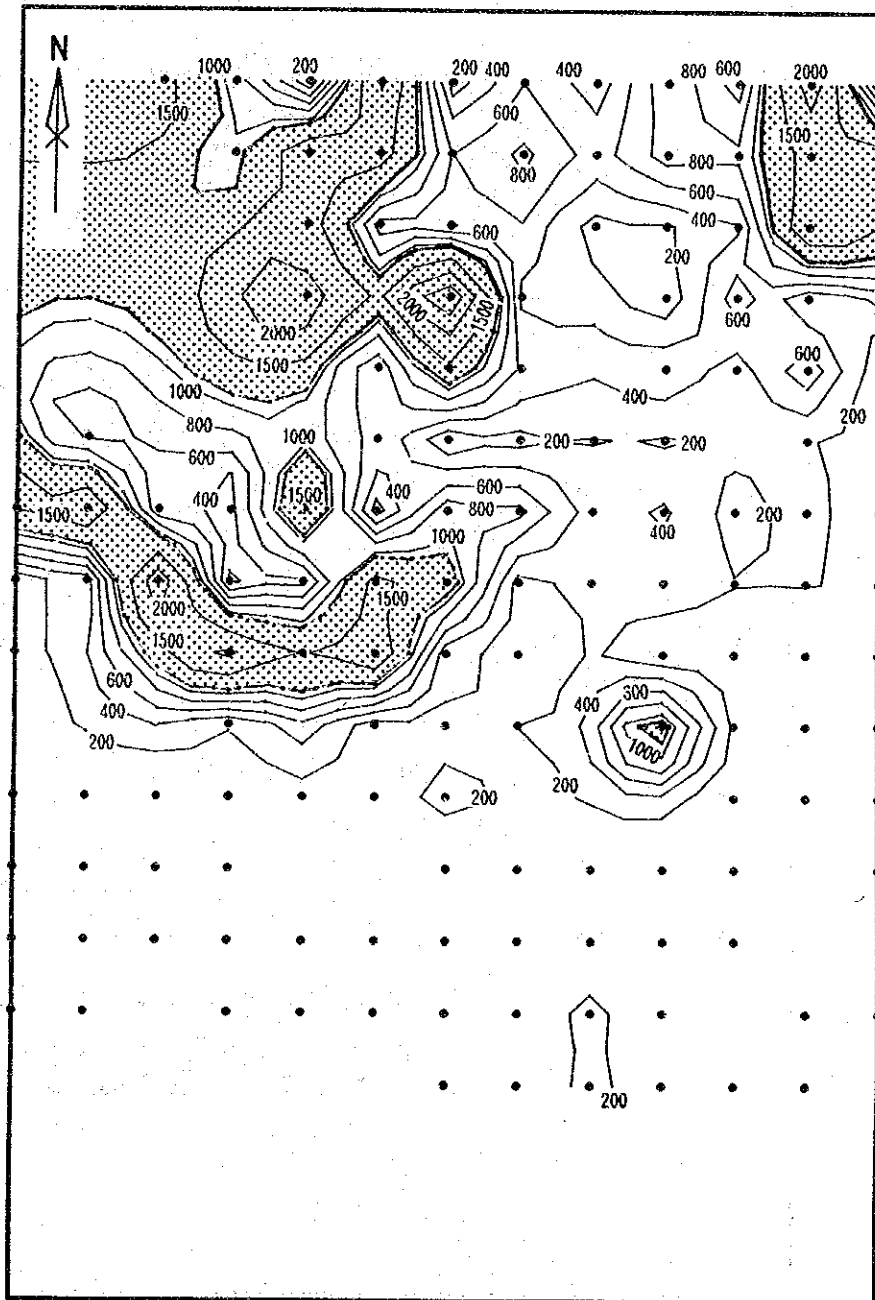
THRESHOLD CONTOUR LINE



CONTOUR LINE AND
CONTOUR VALUE (ppm)





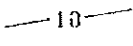

SAMPLE POINT

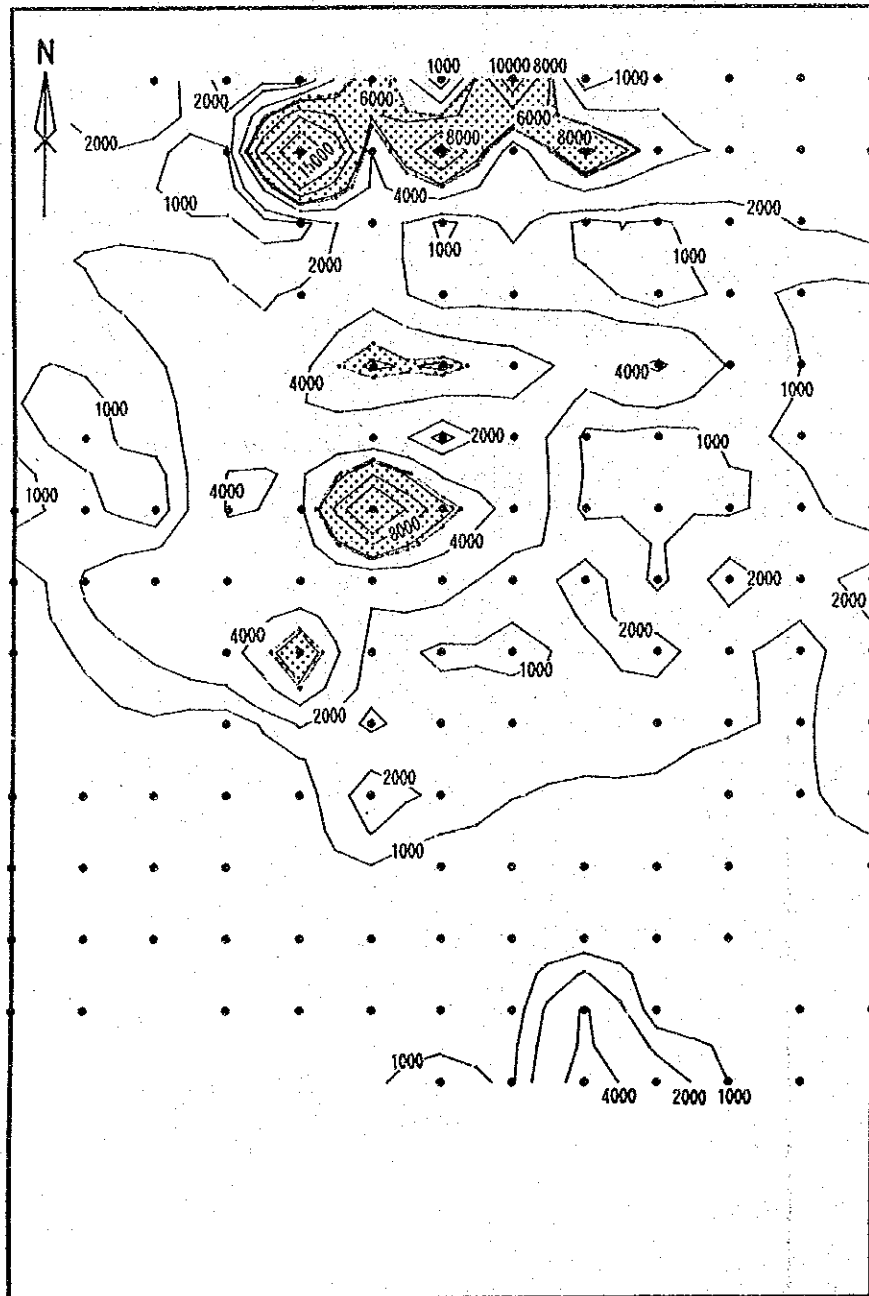


Apx. 64 Geochemical Density and Anomaly Map of Th - Lwala Sector --

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

LEGEND



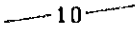

-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT

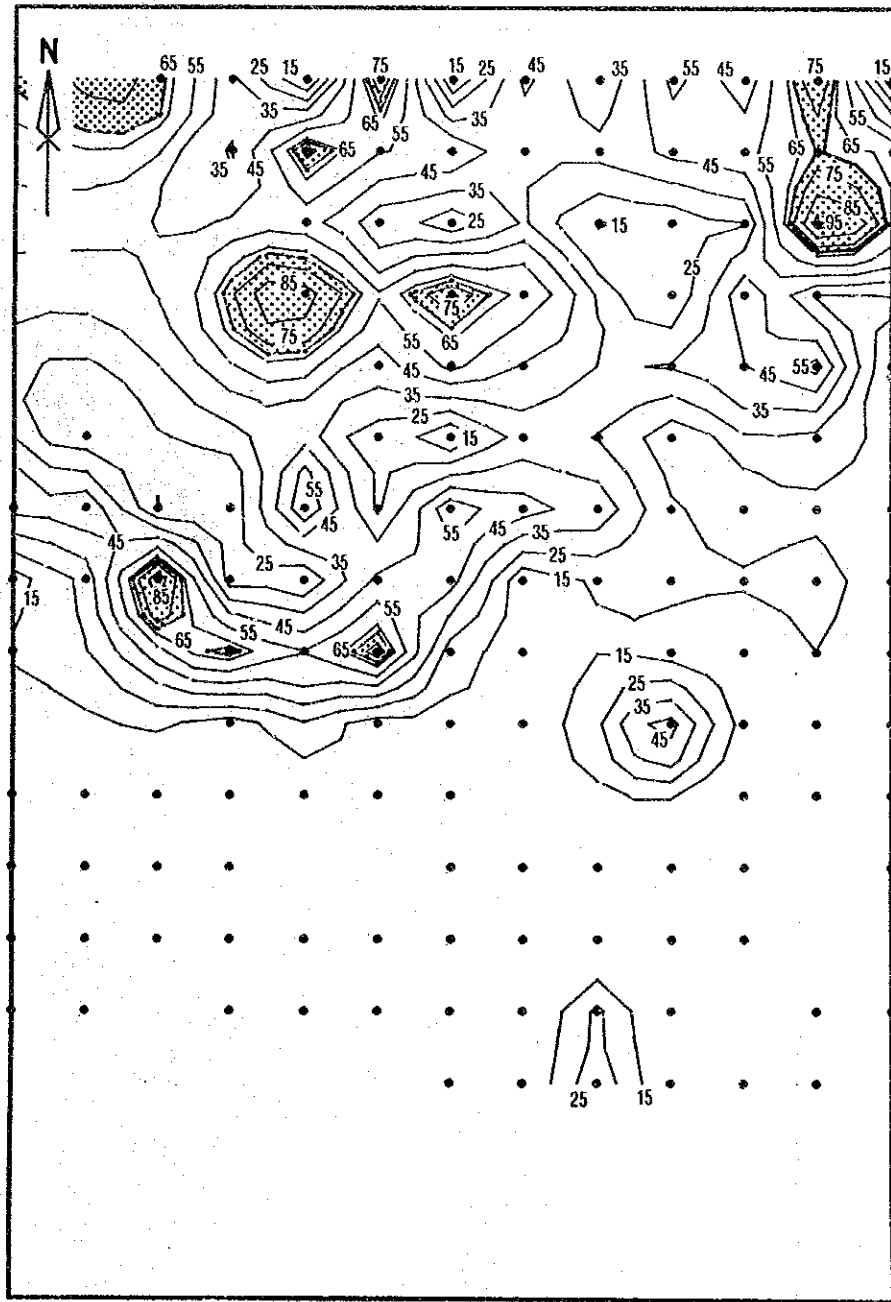


Apx. 65 Geochemical Density and Anomaly Map of La+Ce+Nd – Lwala Sector –

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

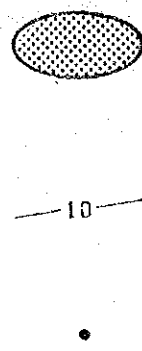
LEGEND

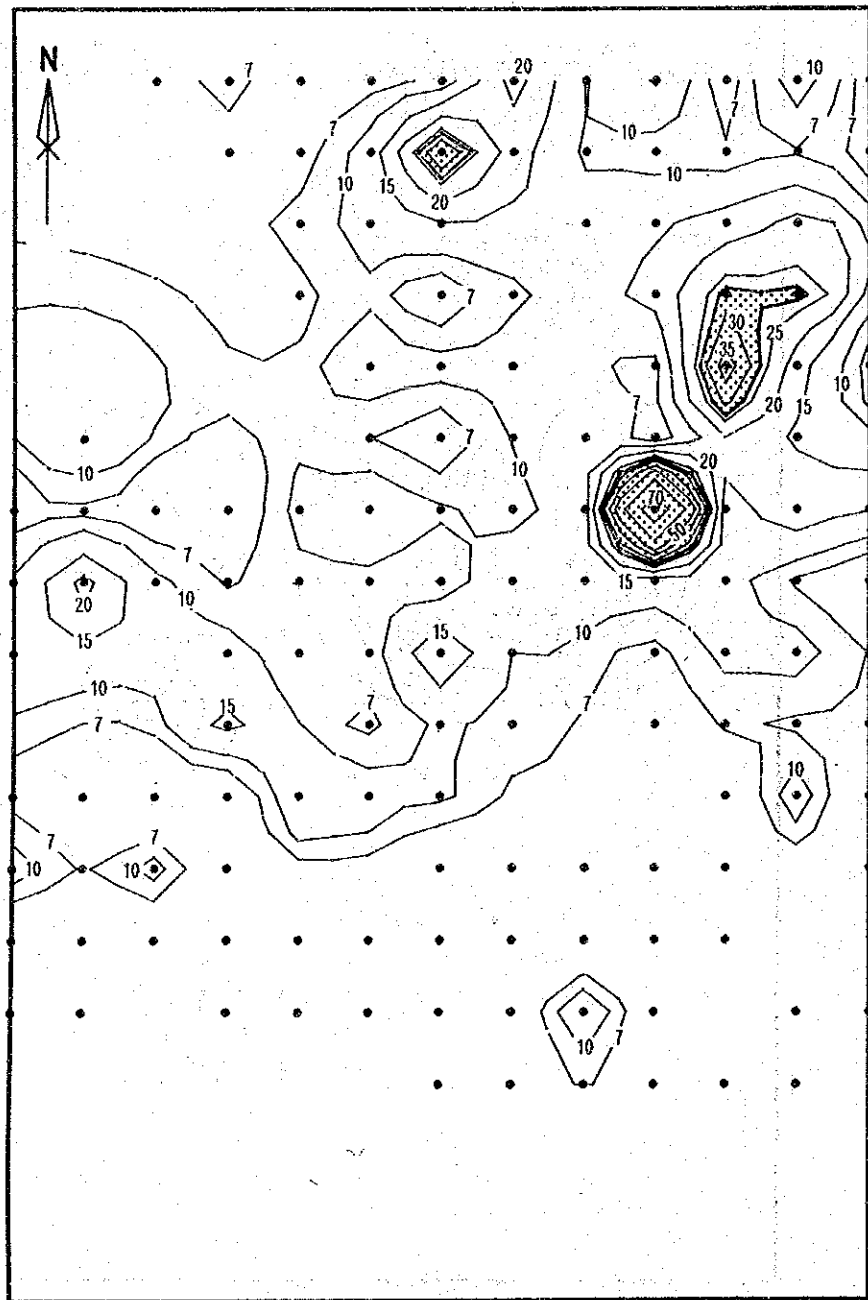
-  ANOMALY ZONE
-  THRESHOLD CONTOUR LINE
-  CONTOUR LINE AND CONTOUR VALUE (ppm)
-  SAMPLE POINT



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

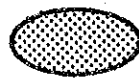
LEGEND

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



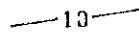
Apx. 67. Geochemical Density and Anomaly Map of Yb - Lwala Sector --

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

LEGEND

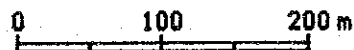
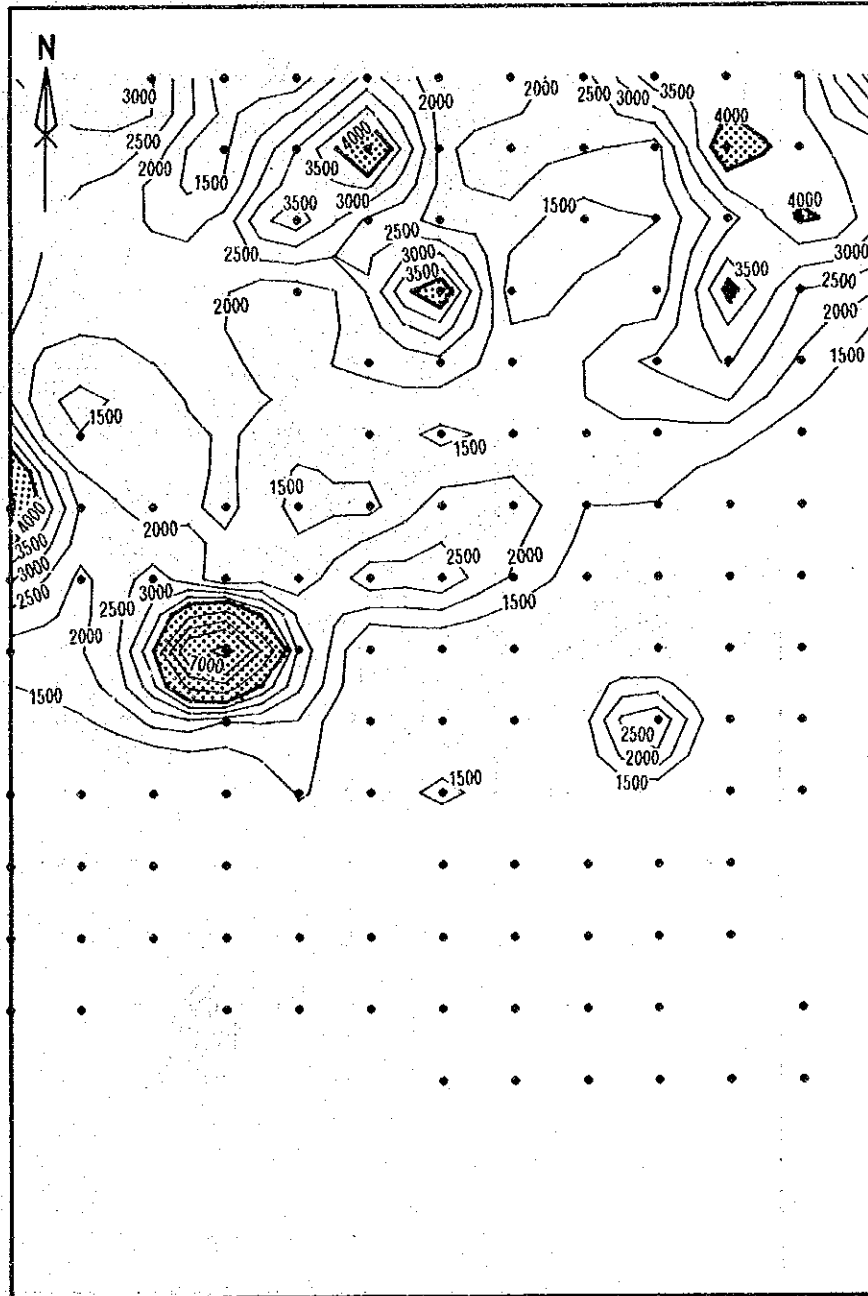


ANOMALY ZONE
 THRESHOLD CONTOUR LINE



CONTOUR LINE AND
 CONTOUR VALUE (cps)

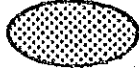

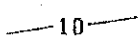

• SAMPLE POINT

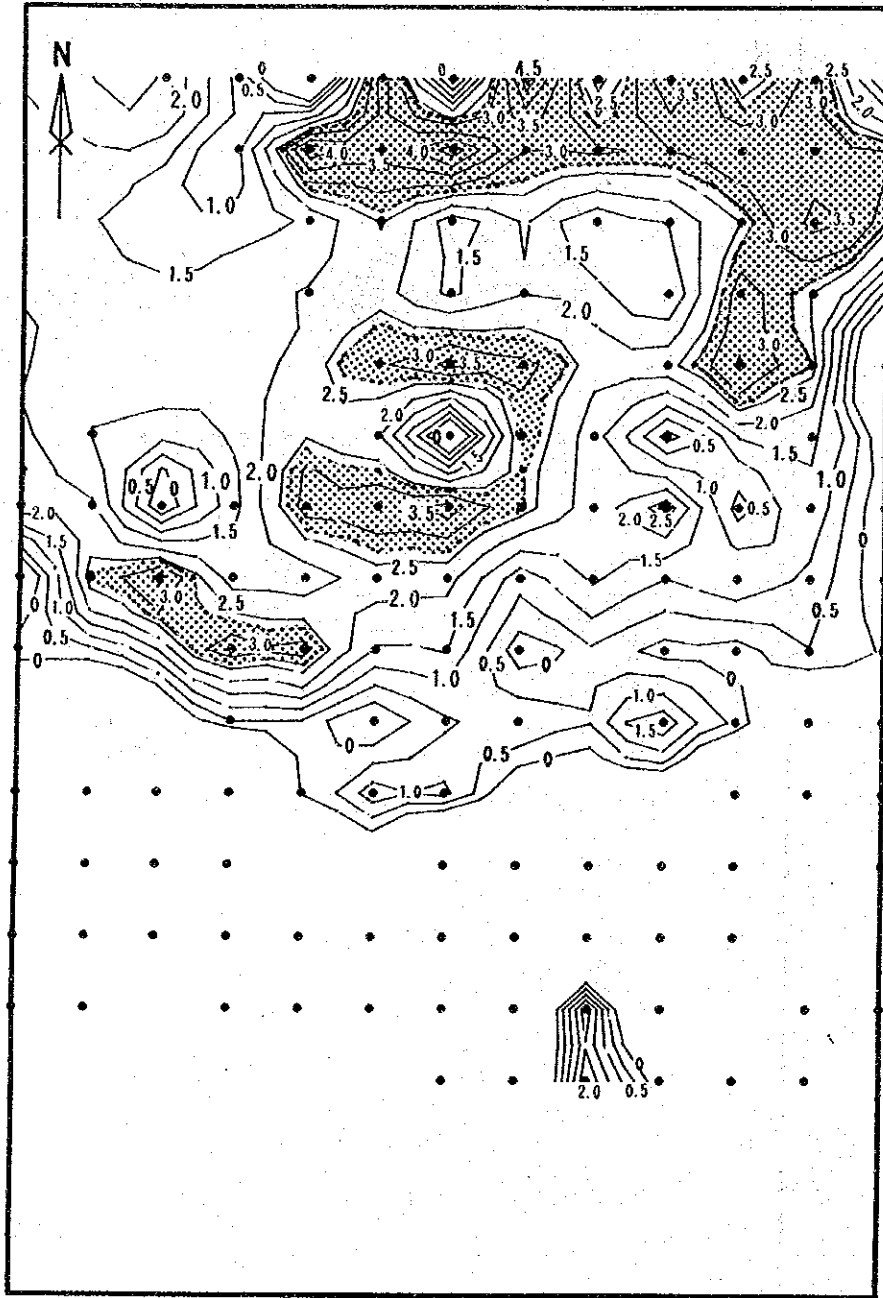


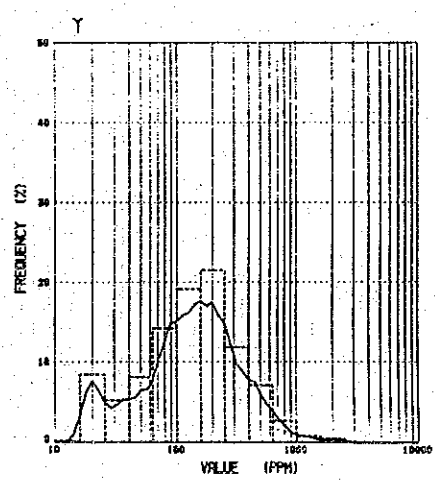
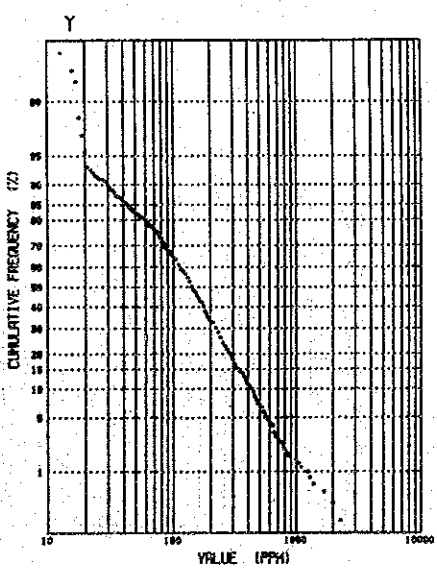
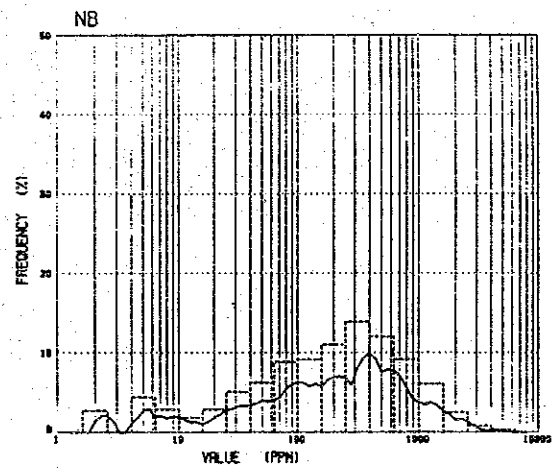
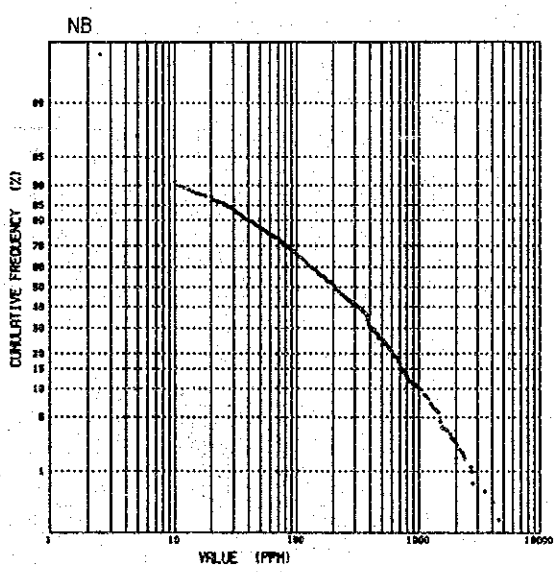
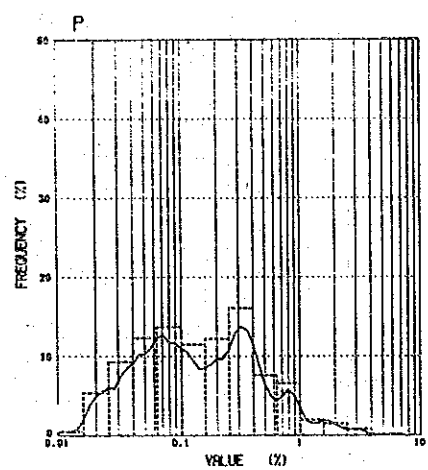
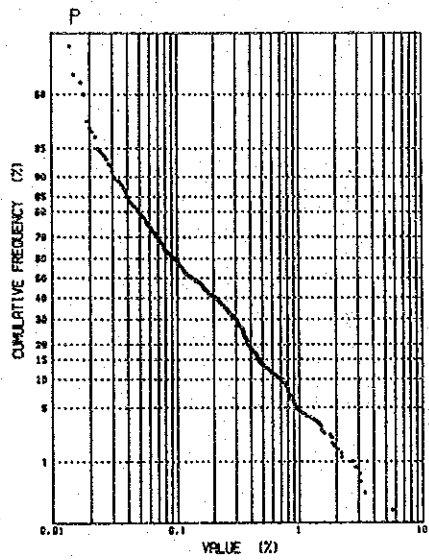
Apx. 68 Geochemical Density and Anomaly Map of γ -Ray - Lwala Sector -

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

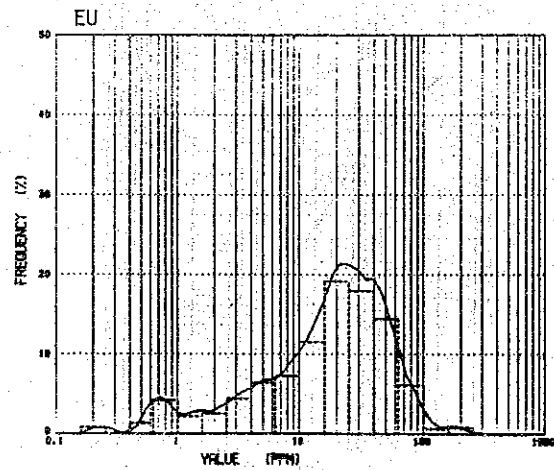
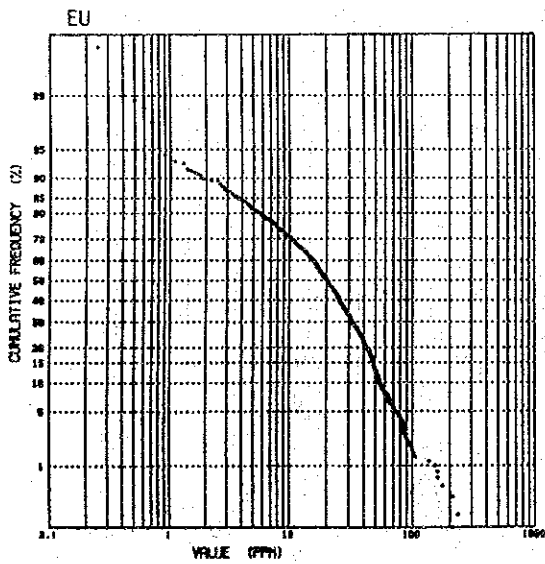
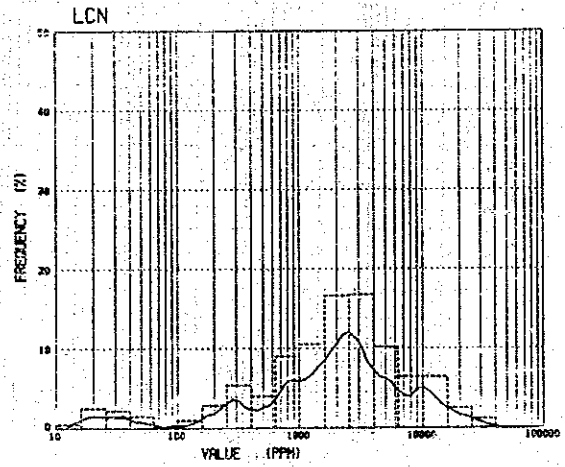
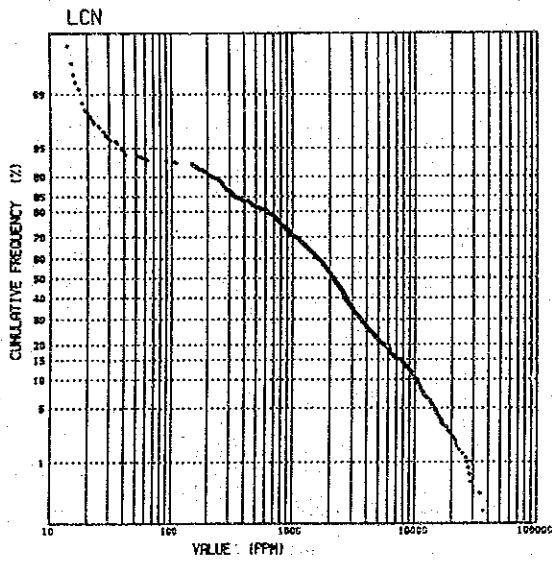
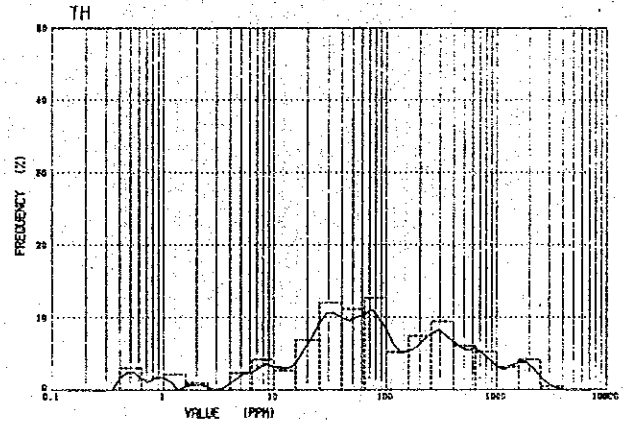
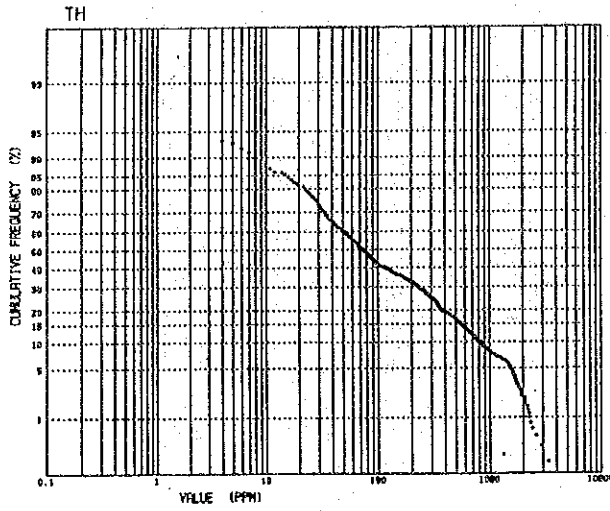
LEGEND

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

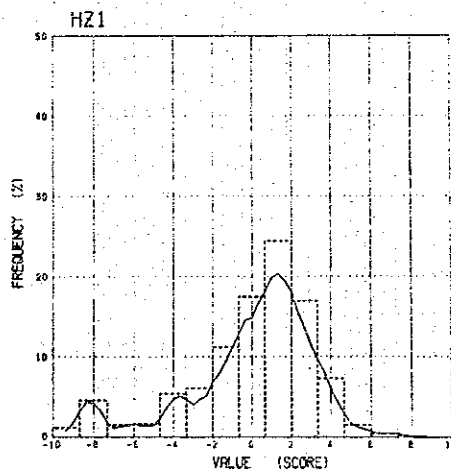
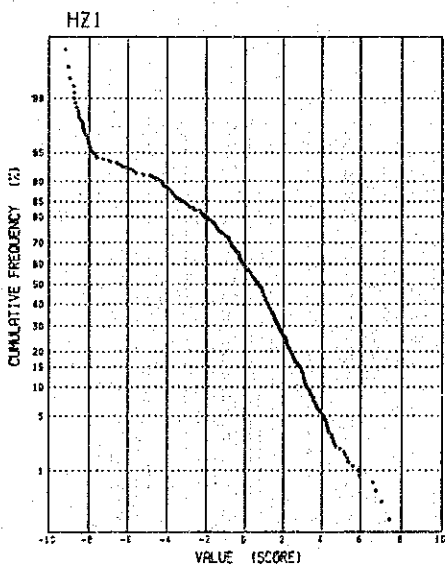
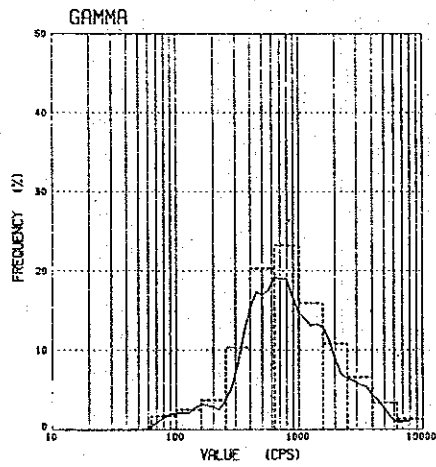
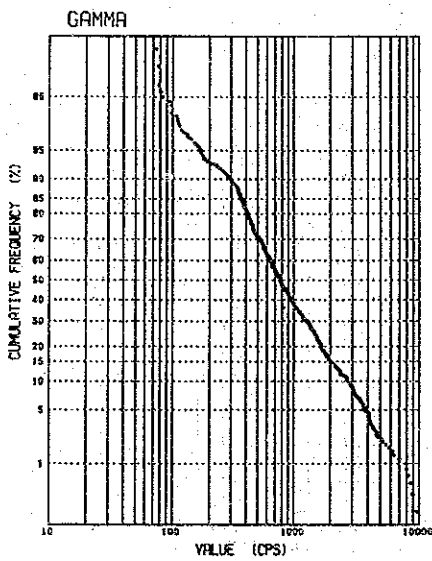
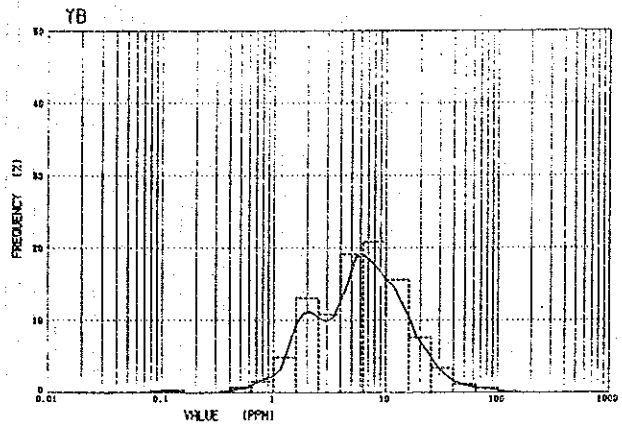
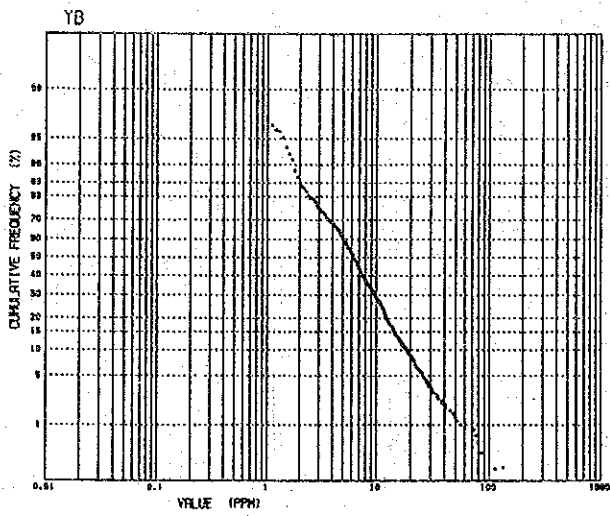




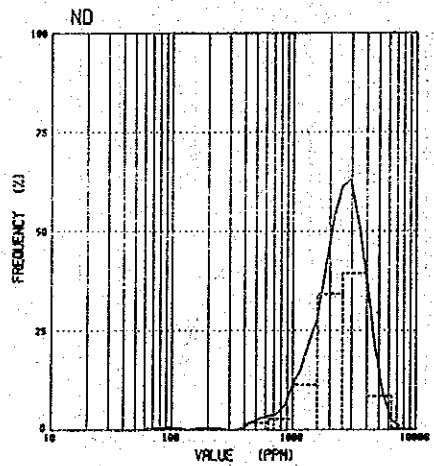
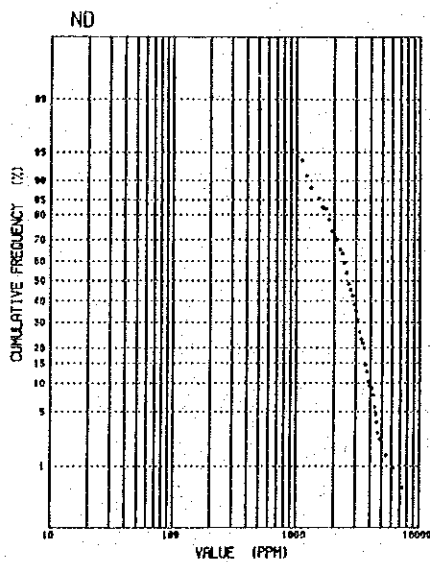
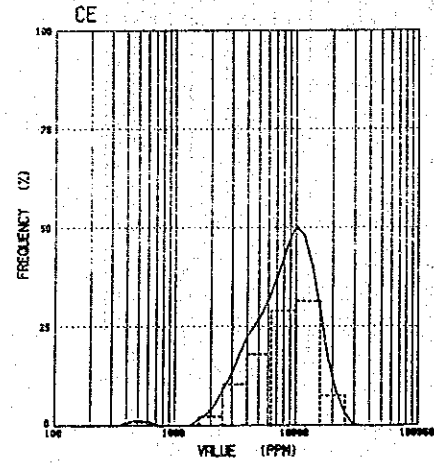
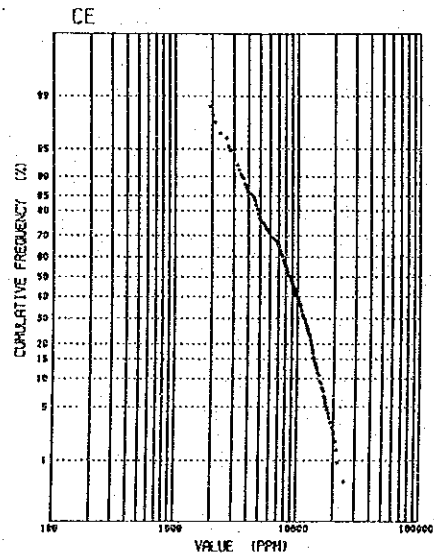
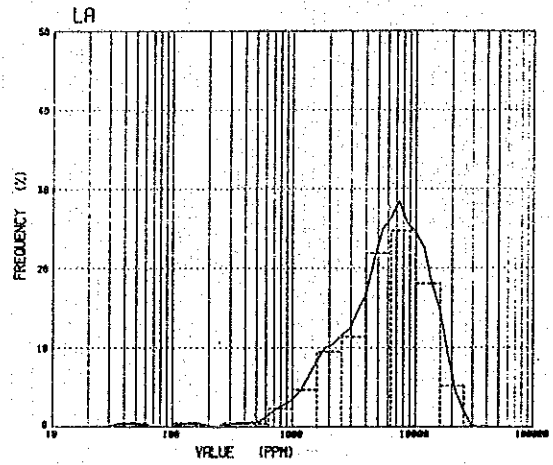
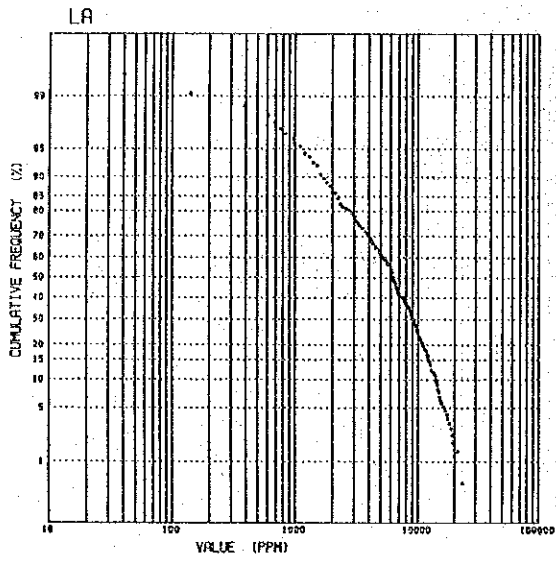
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements – All Geochemical Survey Areas –



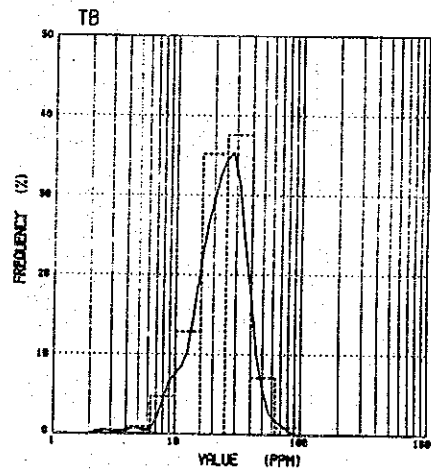
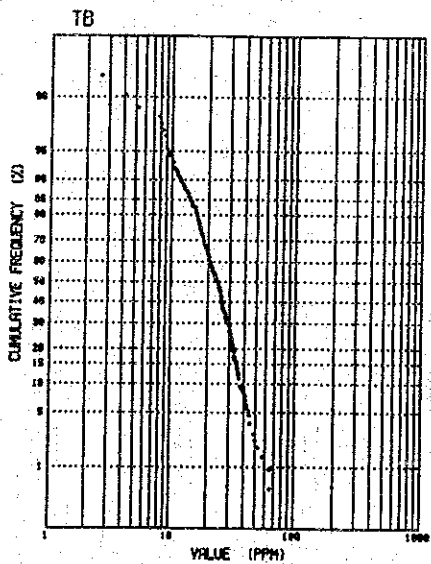
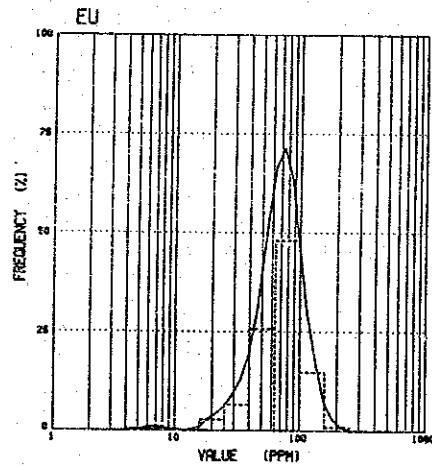
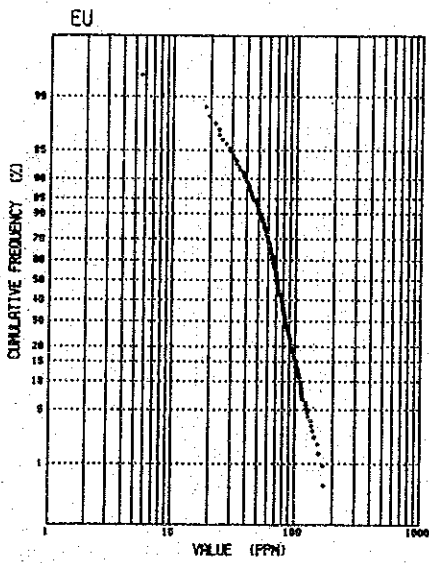
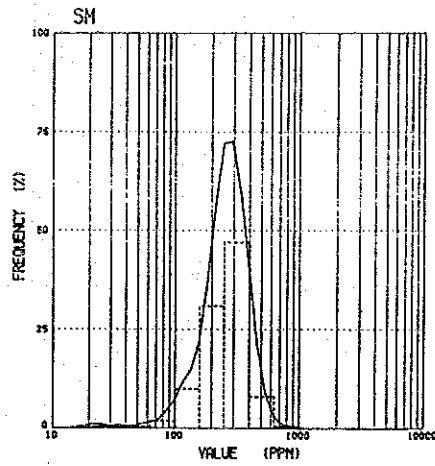
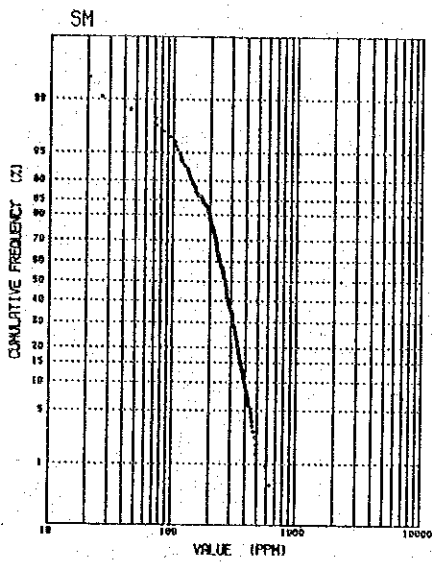
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements – All Geo-chemical Survey Areas –



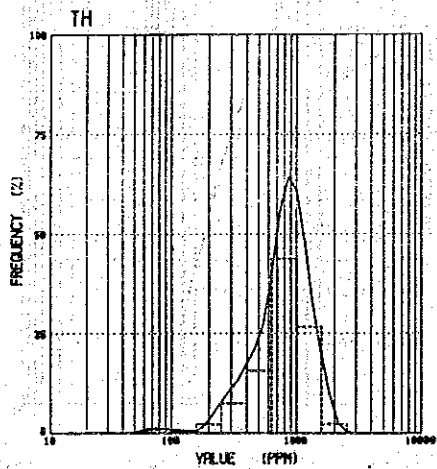
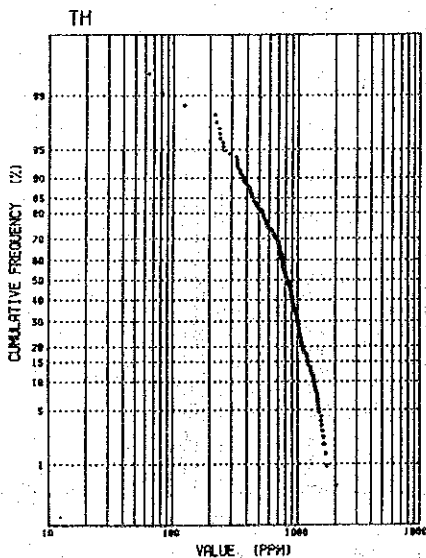
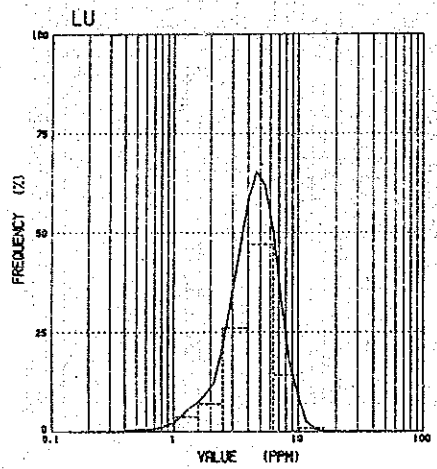
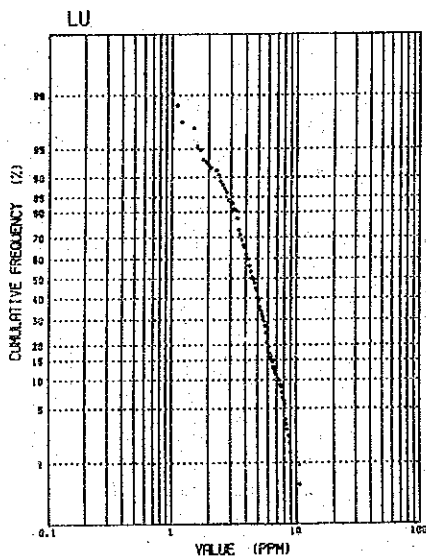
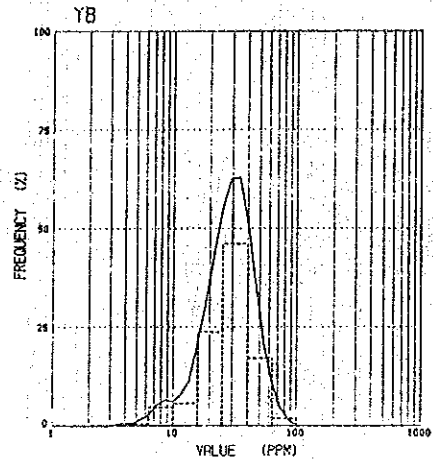
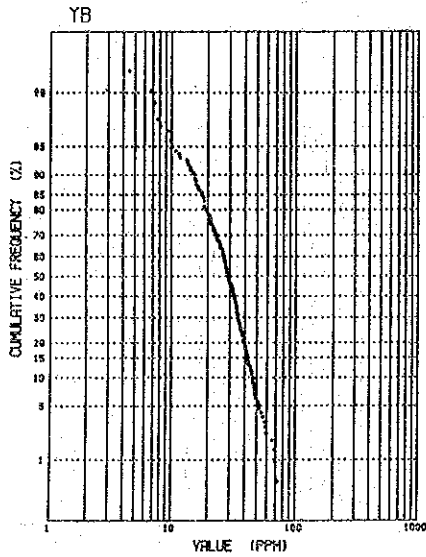
Apx. 70 Cumulative Frequency Distributions and Histograms of Elements — All Geochemical Survey Areas —



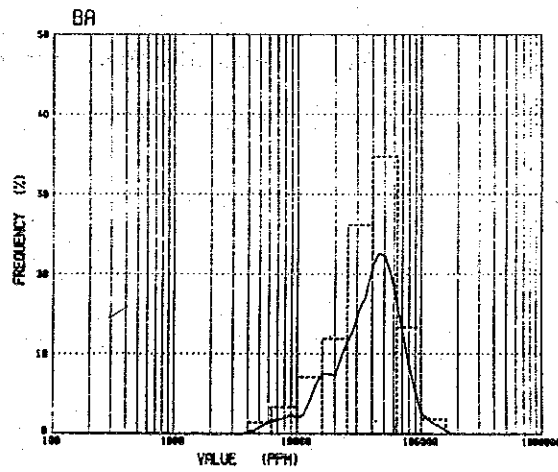
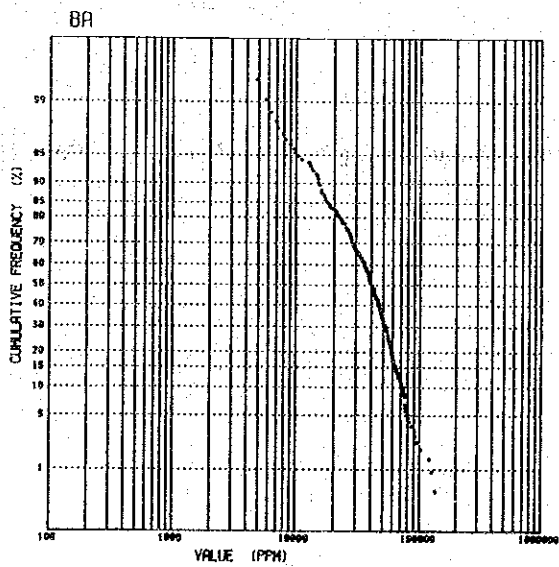
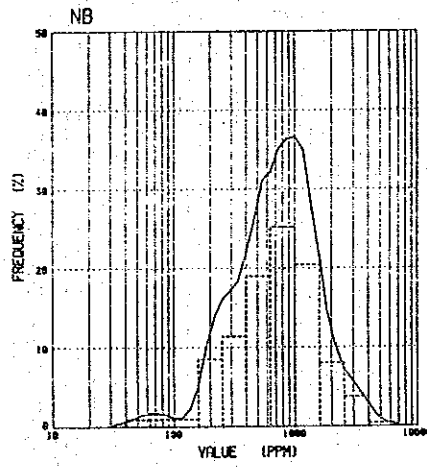
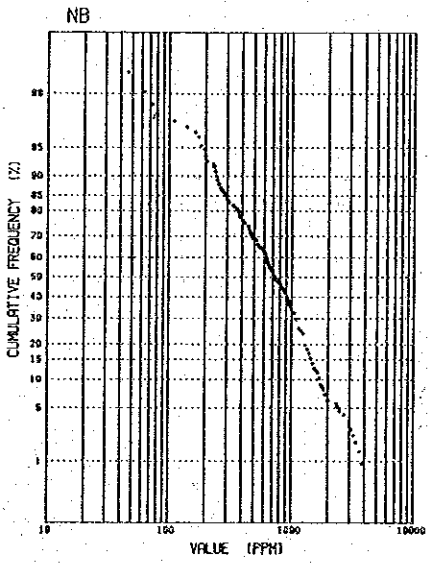
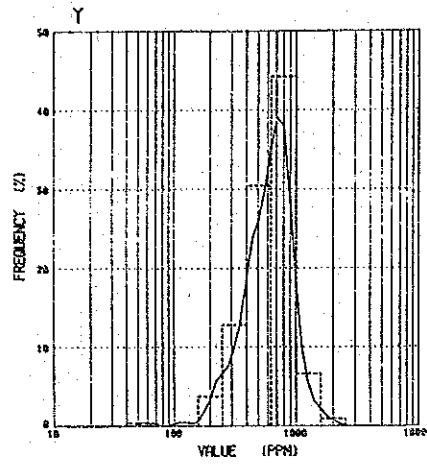
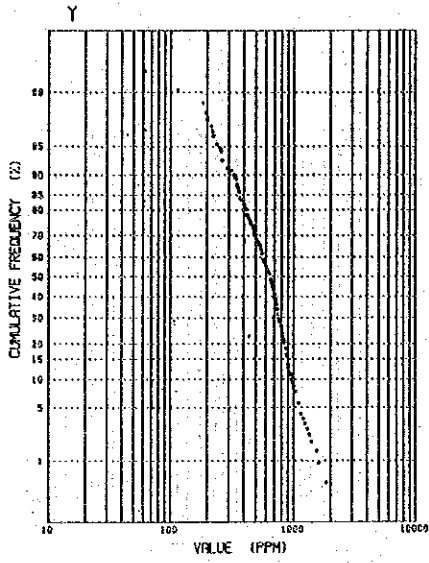
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements — Buru Hill Area —



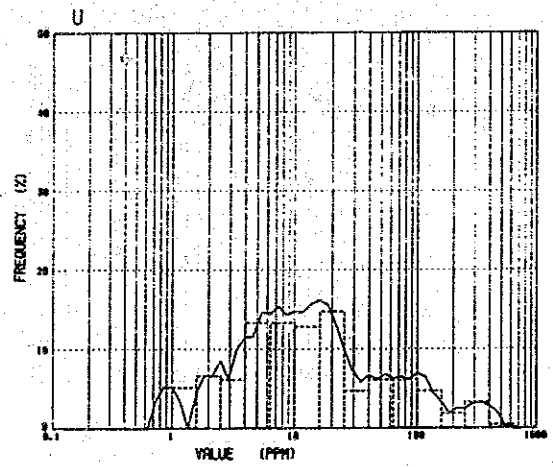
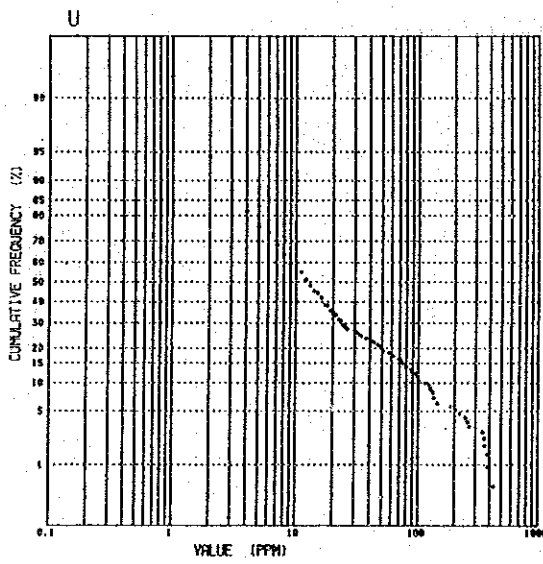
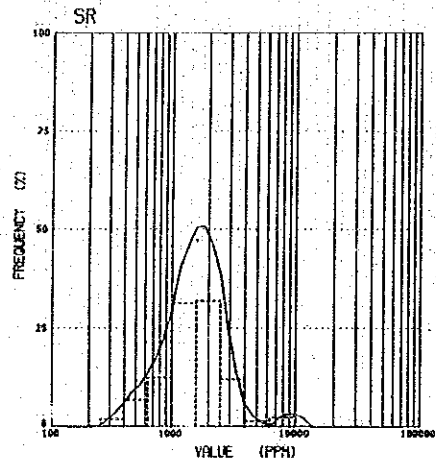
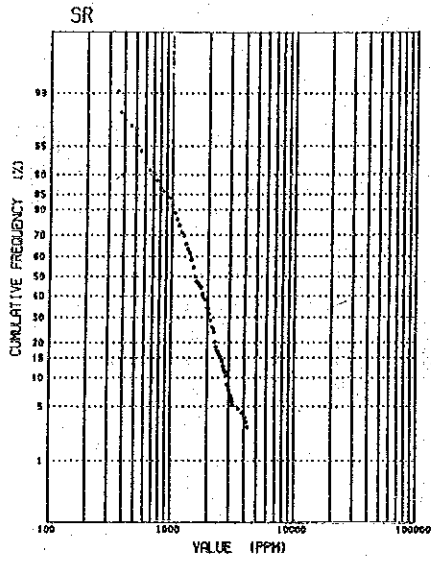
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements — Buru Hill Area —



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

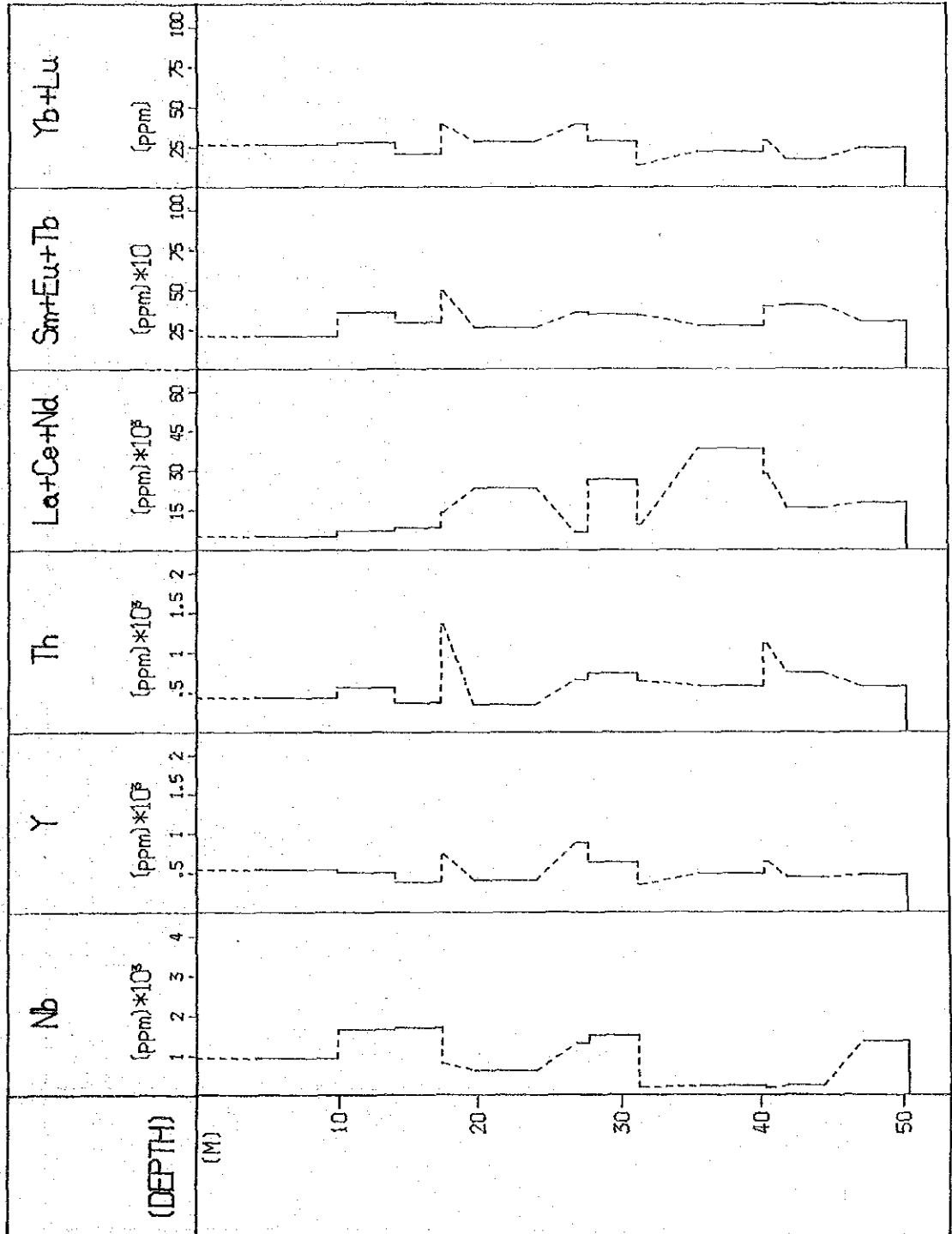


Apx. 71 Cumulative Frequency Distributions and Histograms of Elements – Buru Hill Area –



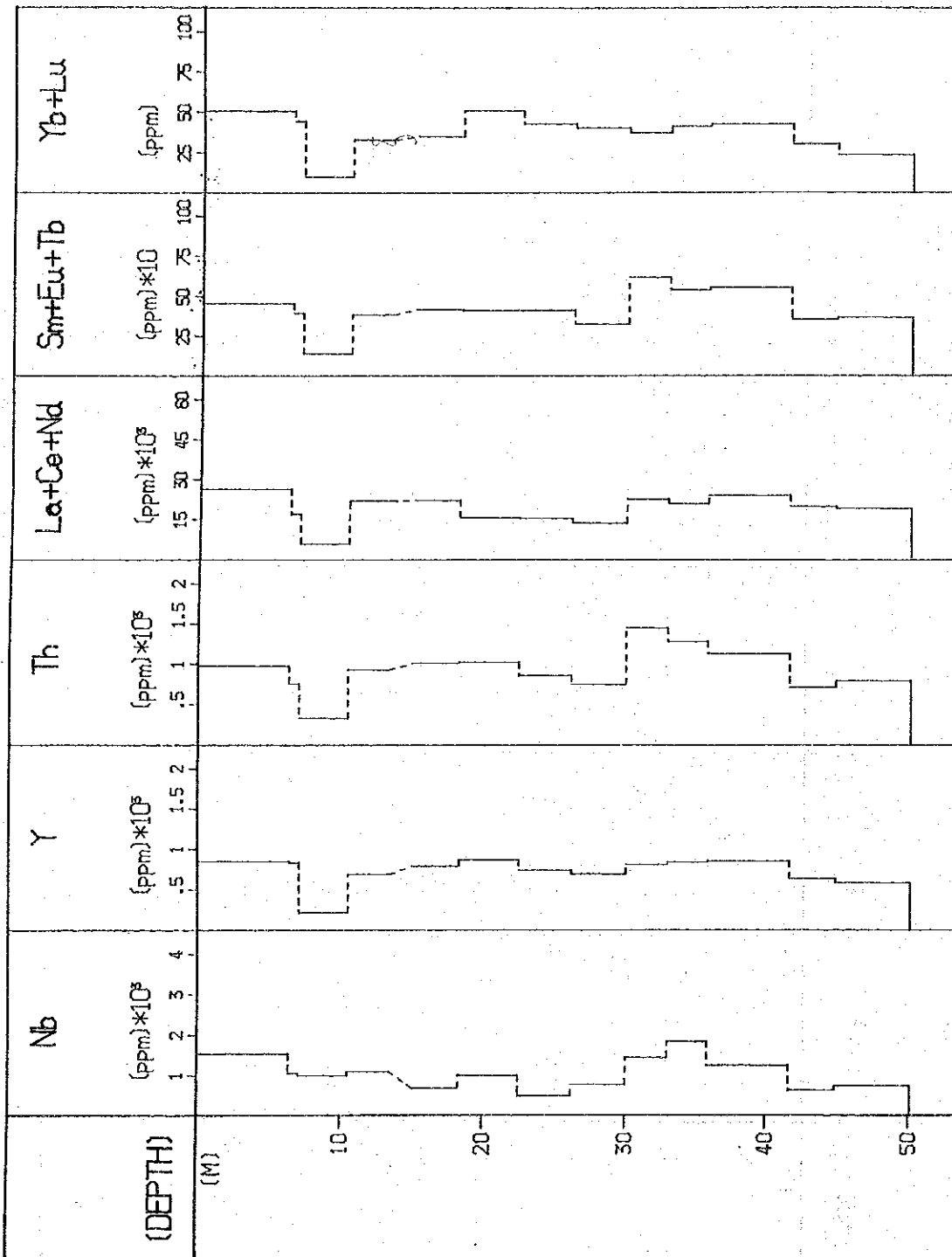
Apx. 71 Cumulative Frequency Distributions and Histograms of Elements – Buru Hill Area –

BR-1 (50.40m)



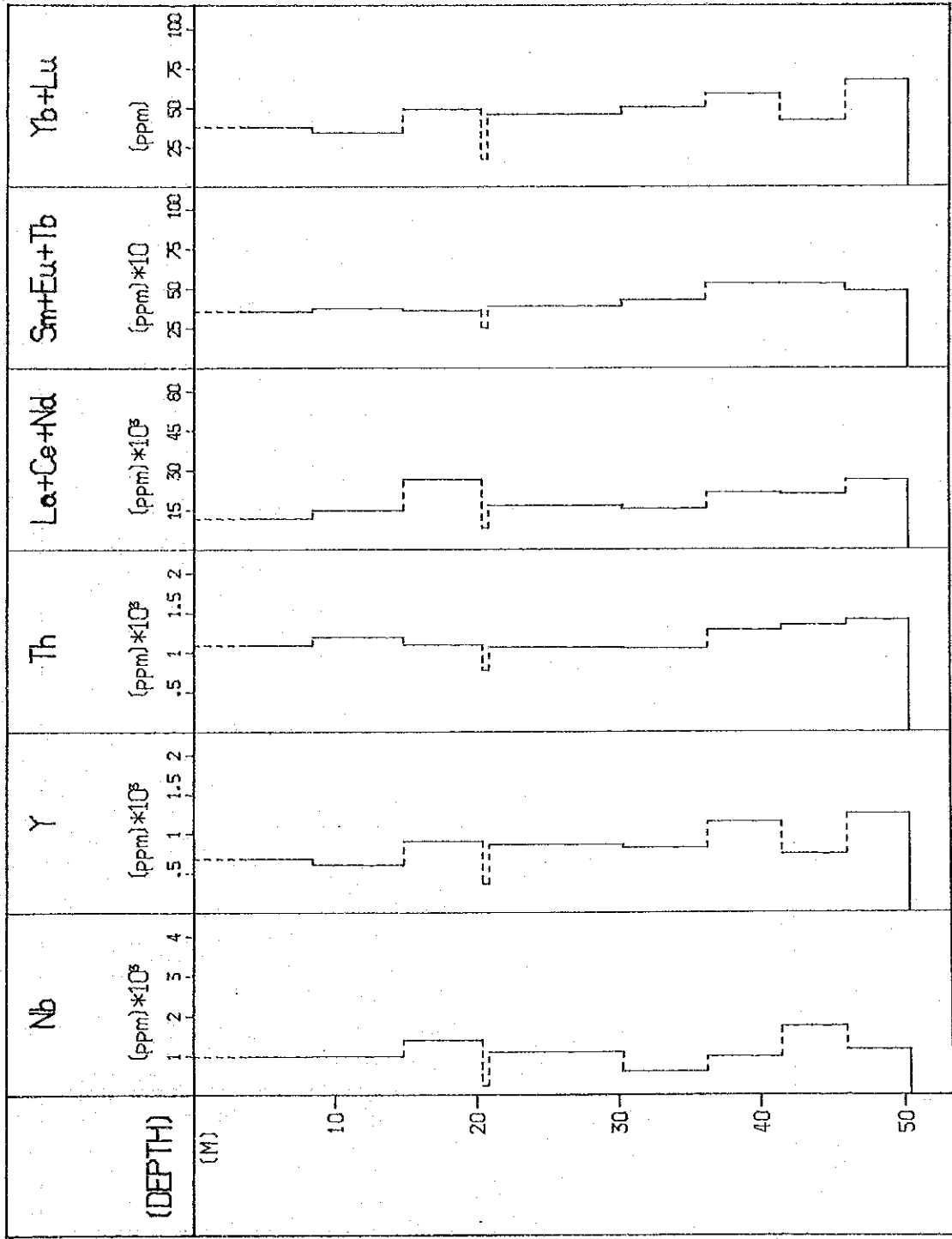
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-2 (50, 10m)



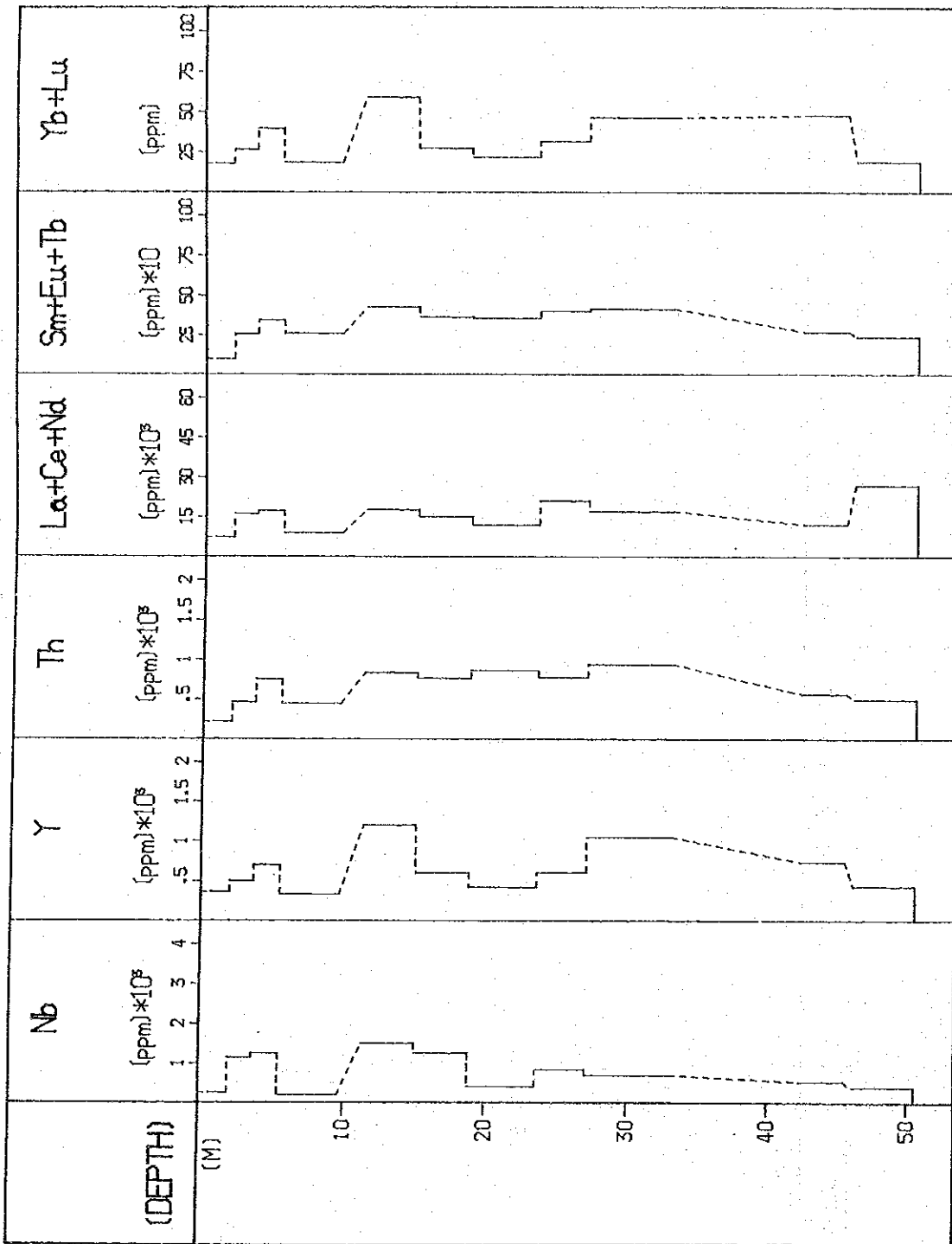
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-3 (50.40m)



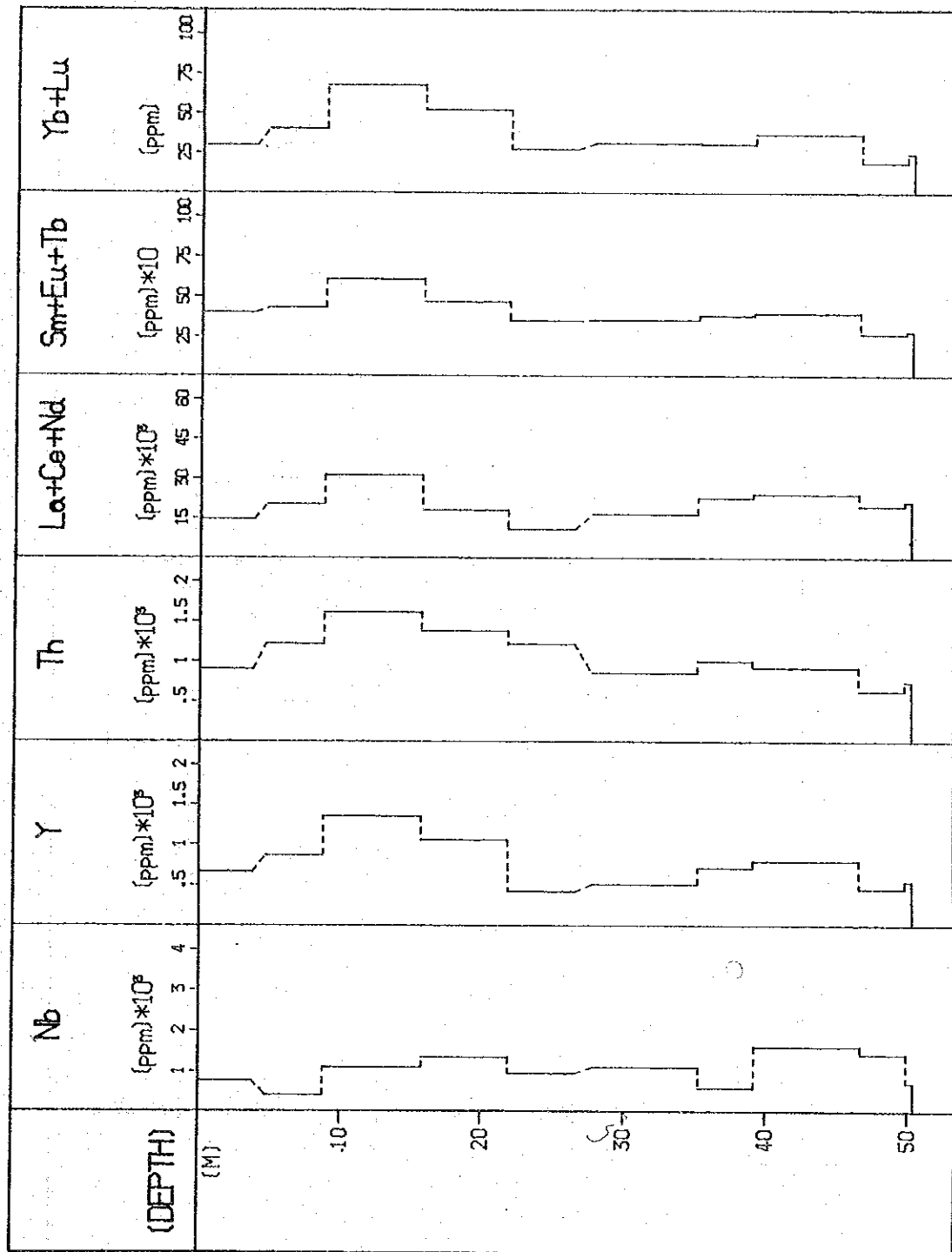
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-4 (50.50m)



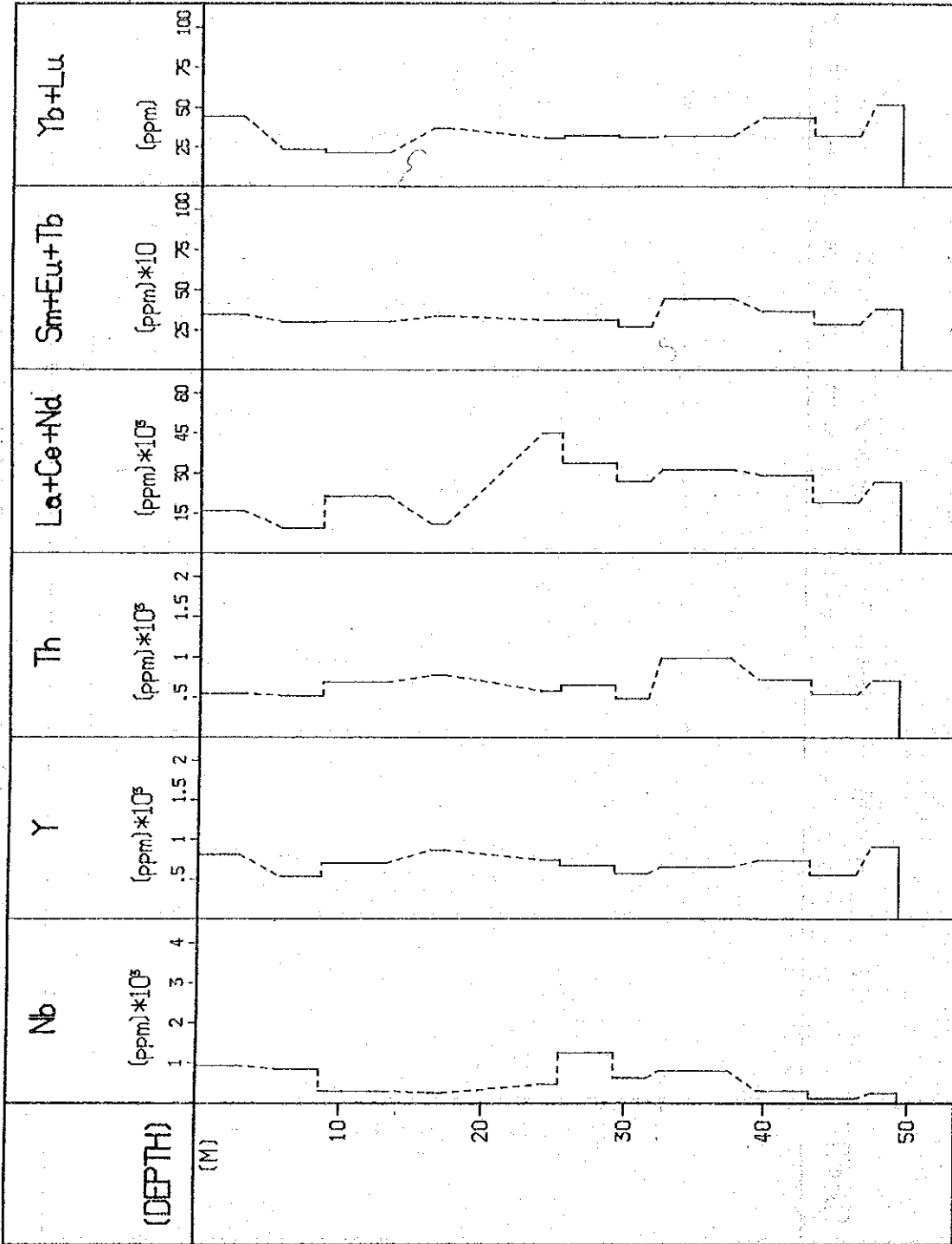
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-5 (50.40m)



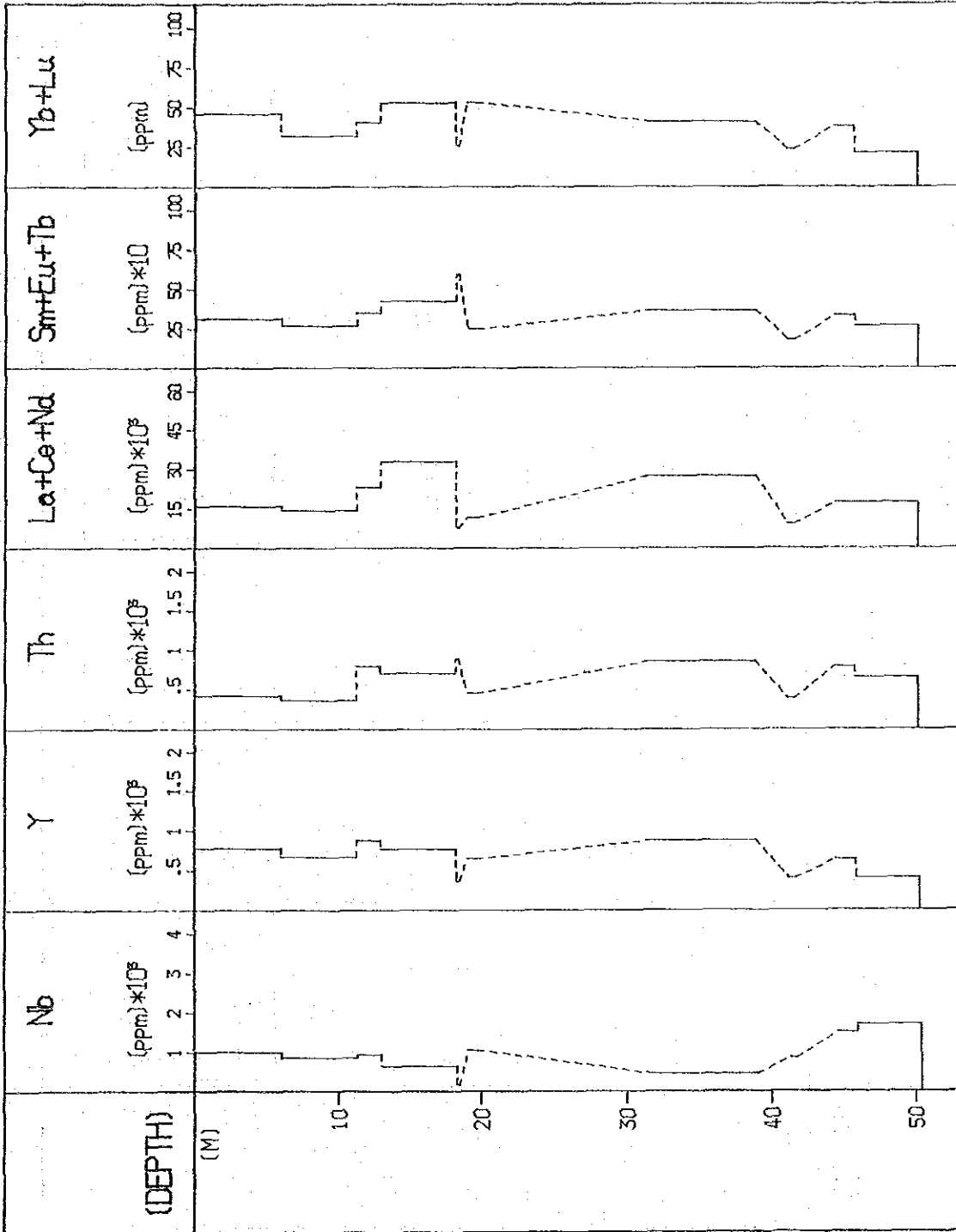
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-6(50.10m)



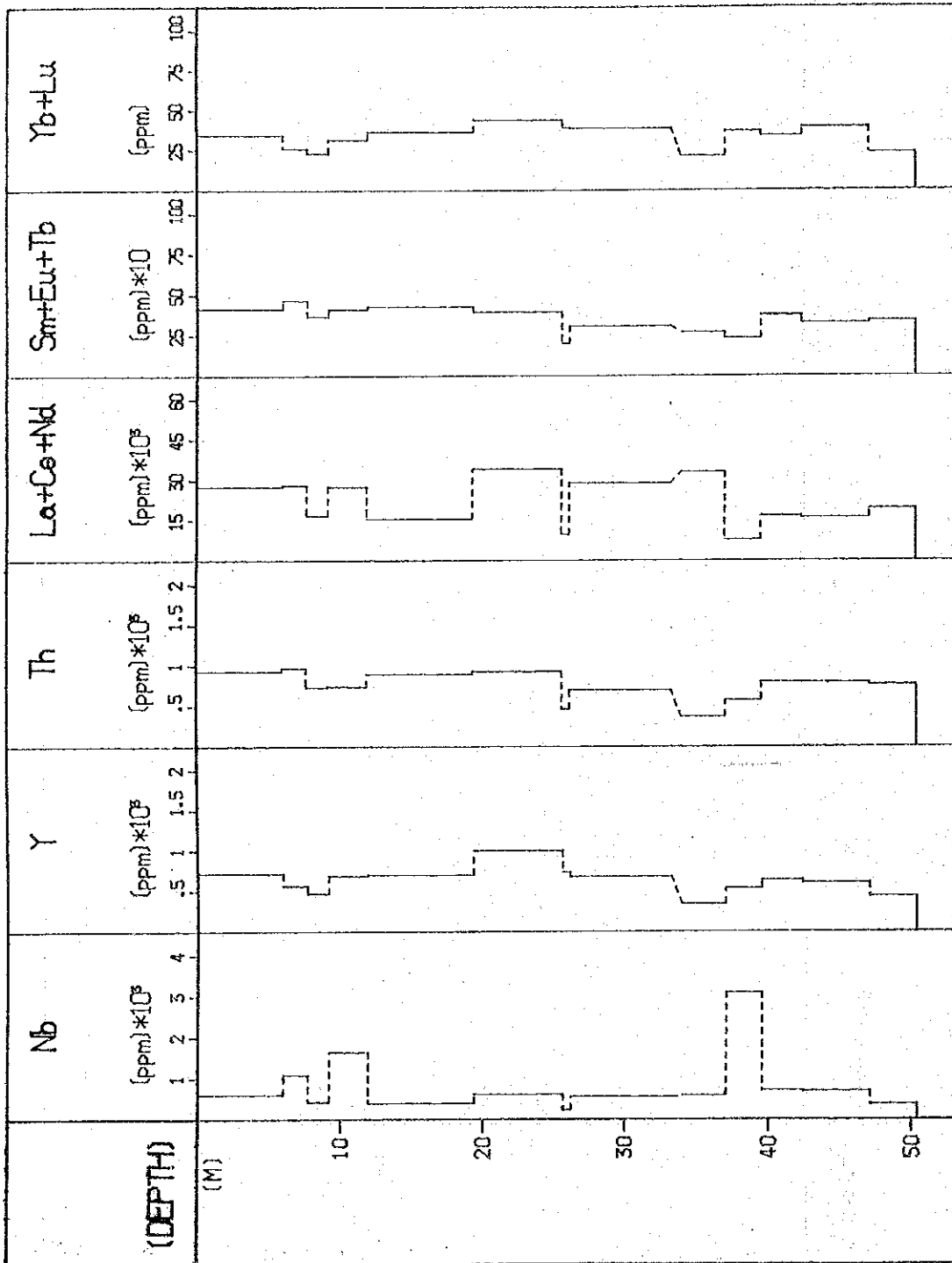
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-7 (50.40m)



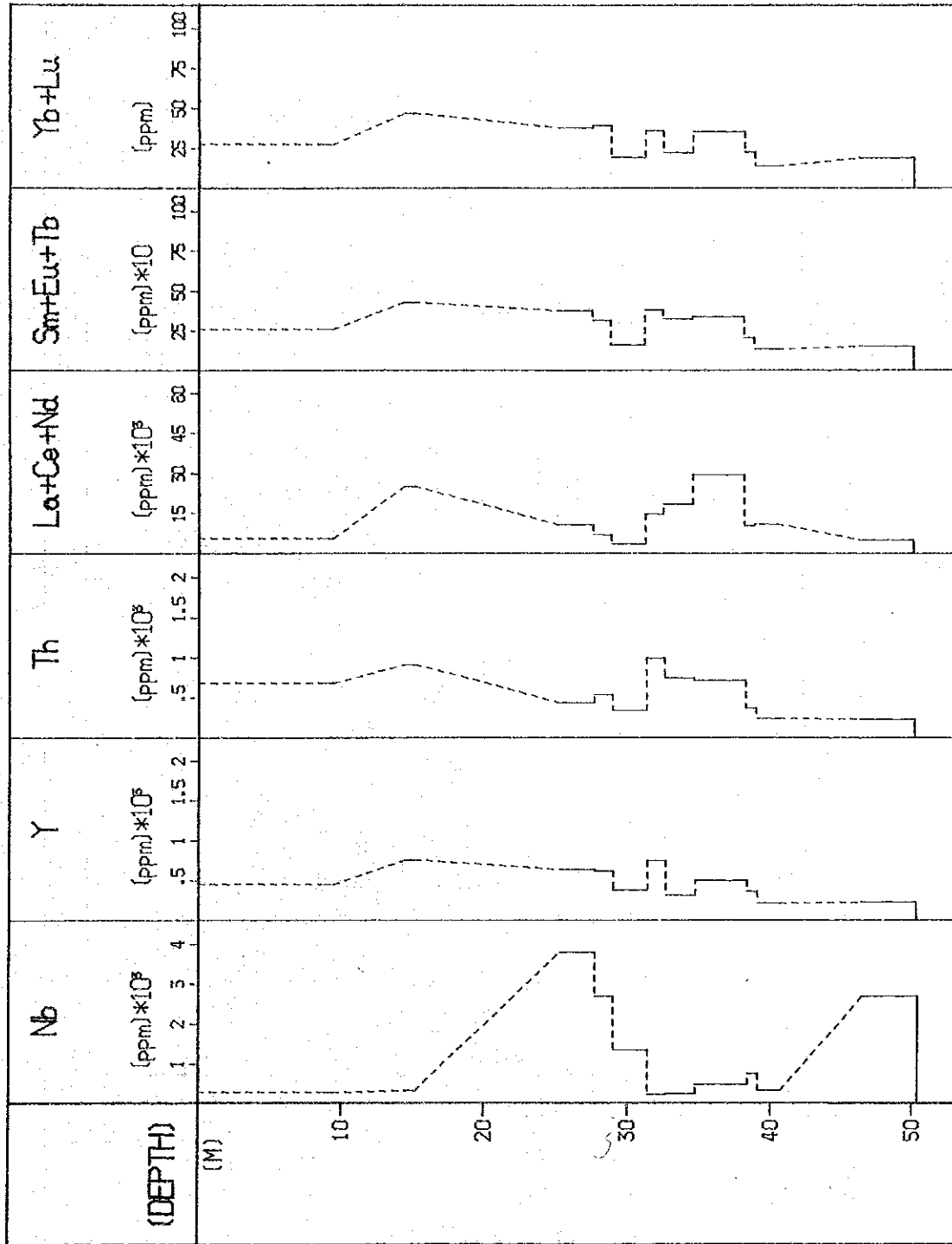
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-8 (50.40m)



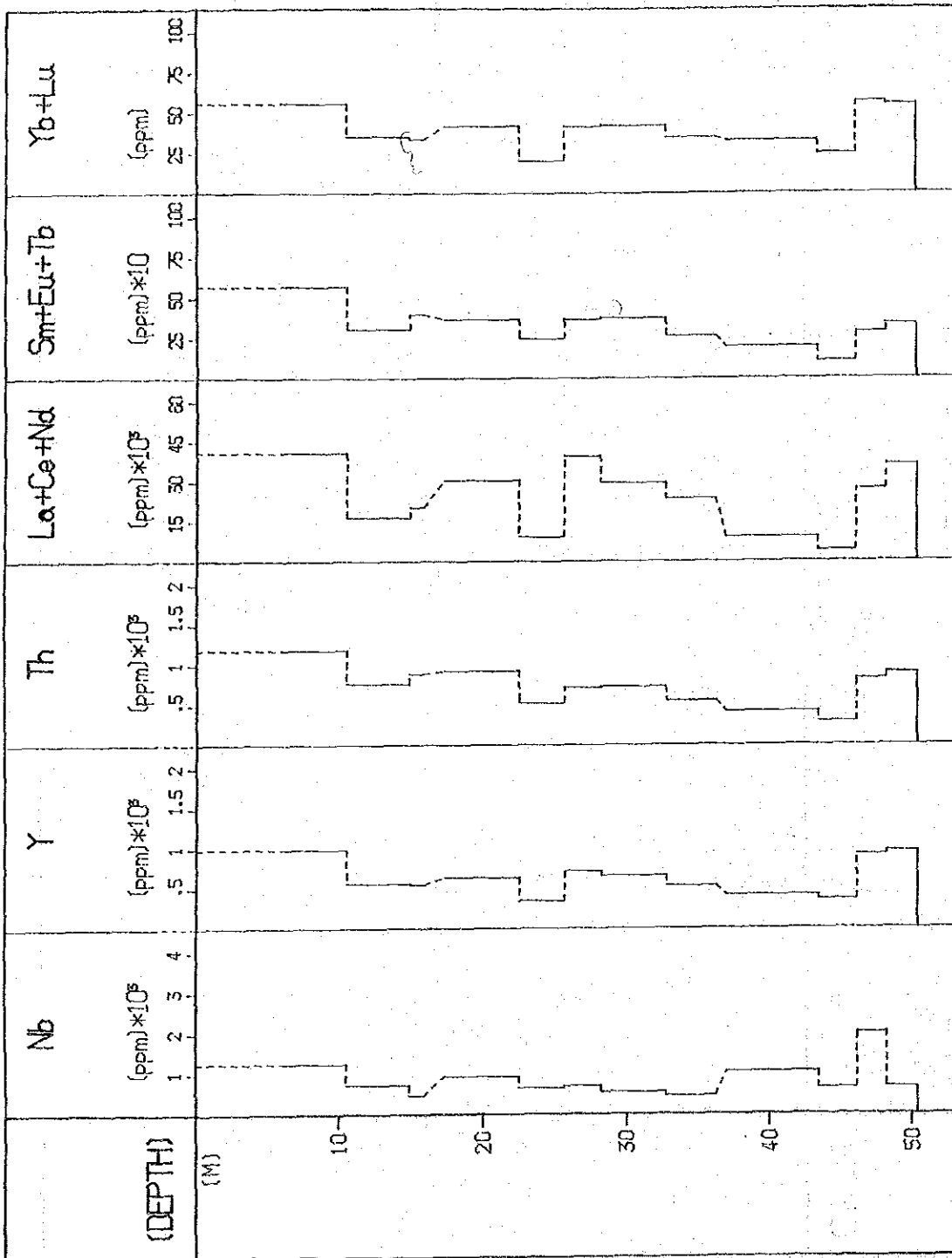
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-9(50.40m)



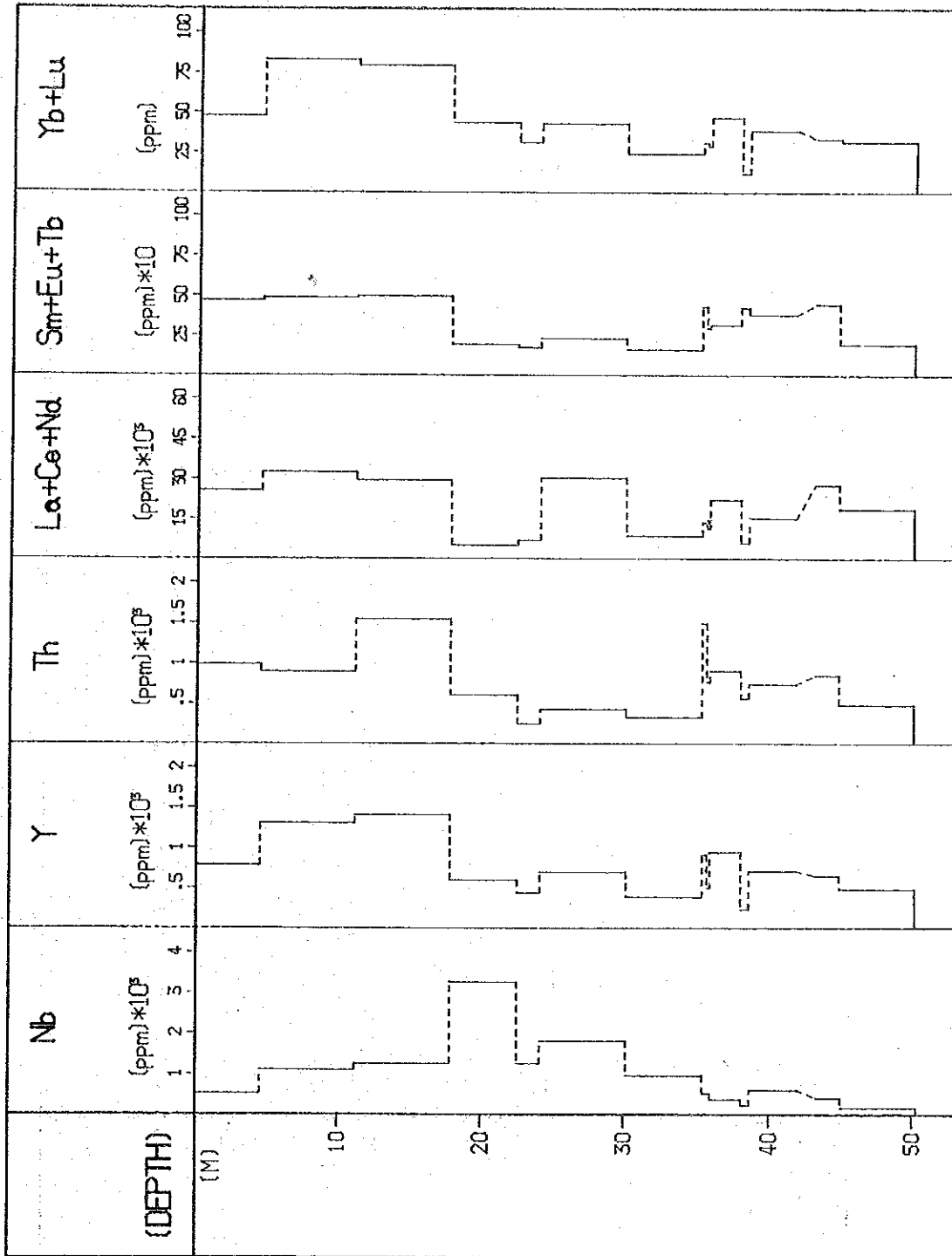
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-10(50,40m)



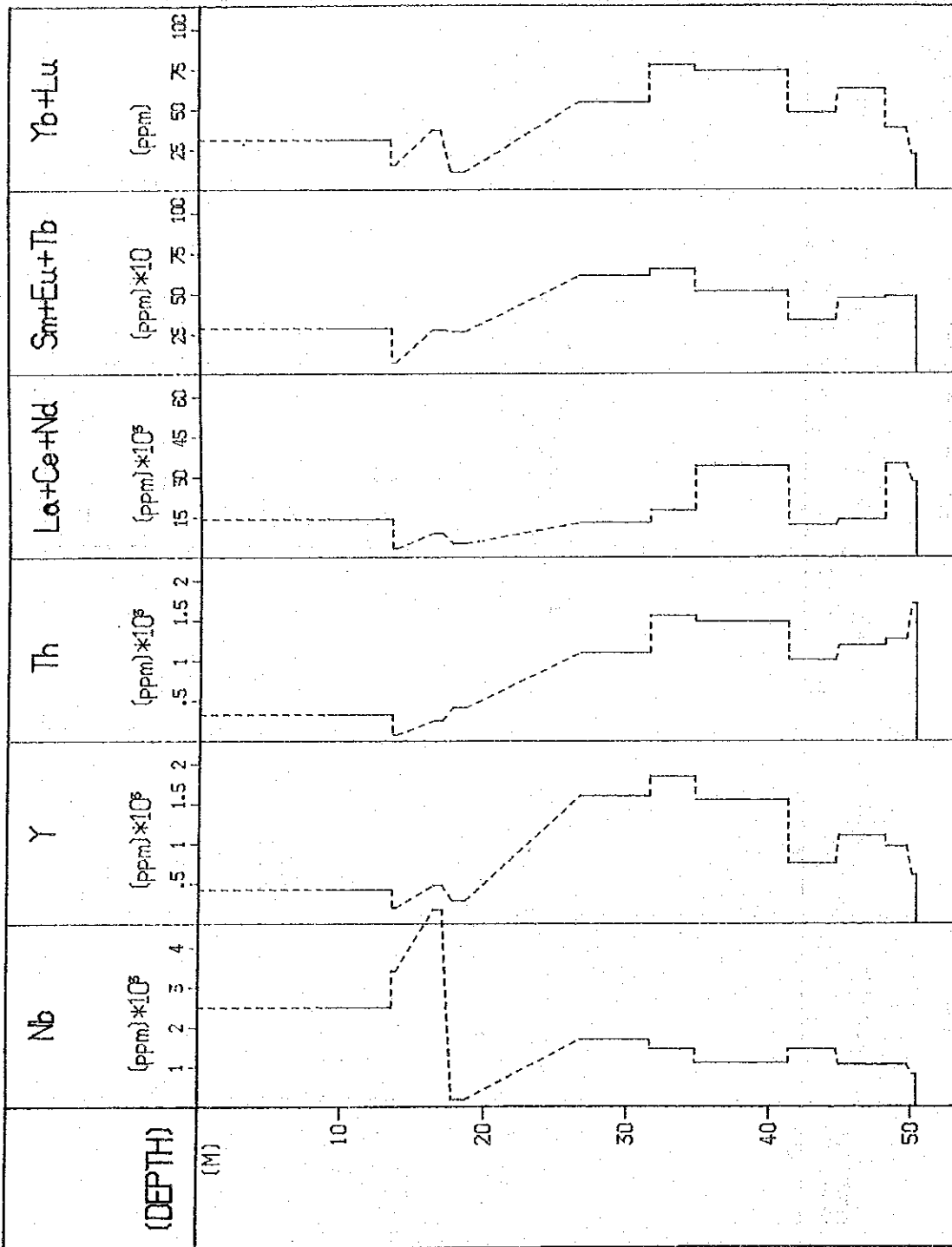
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-11 (50.30m)



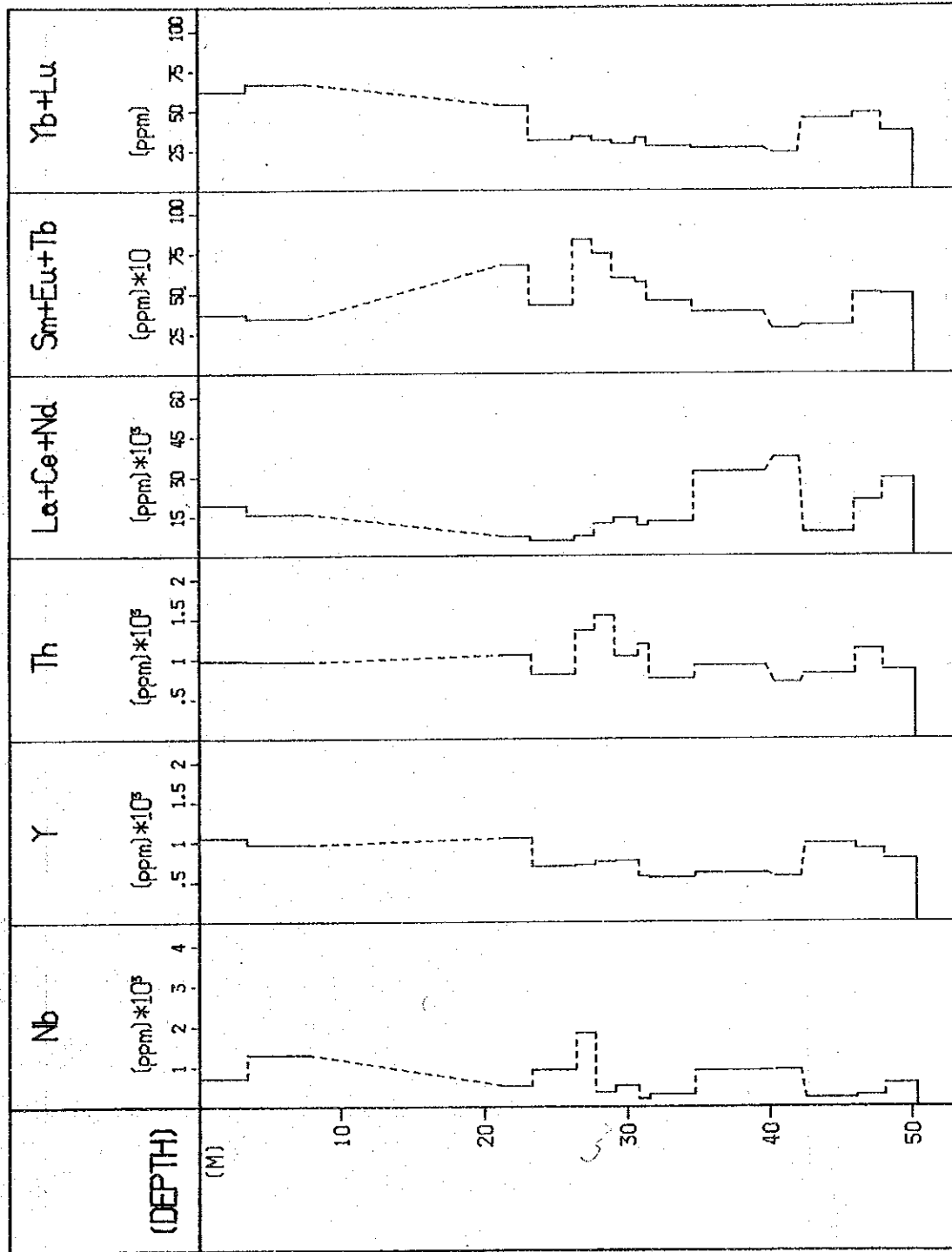
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-12 (50.40m)



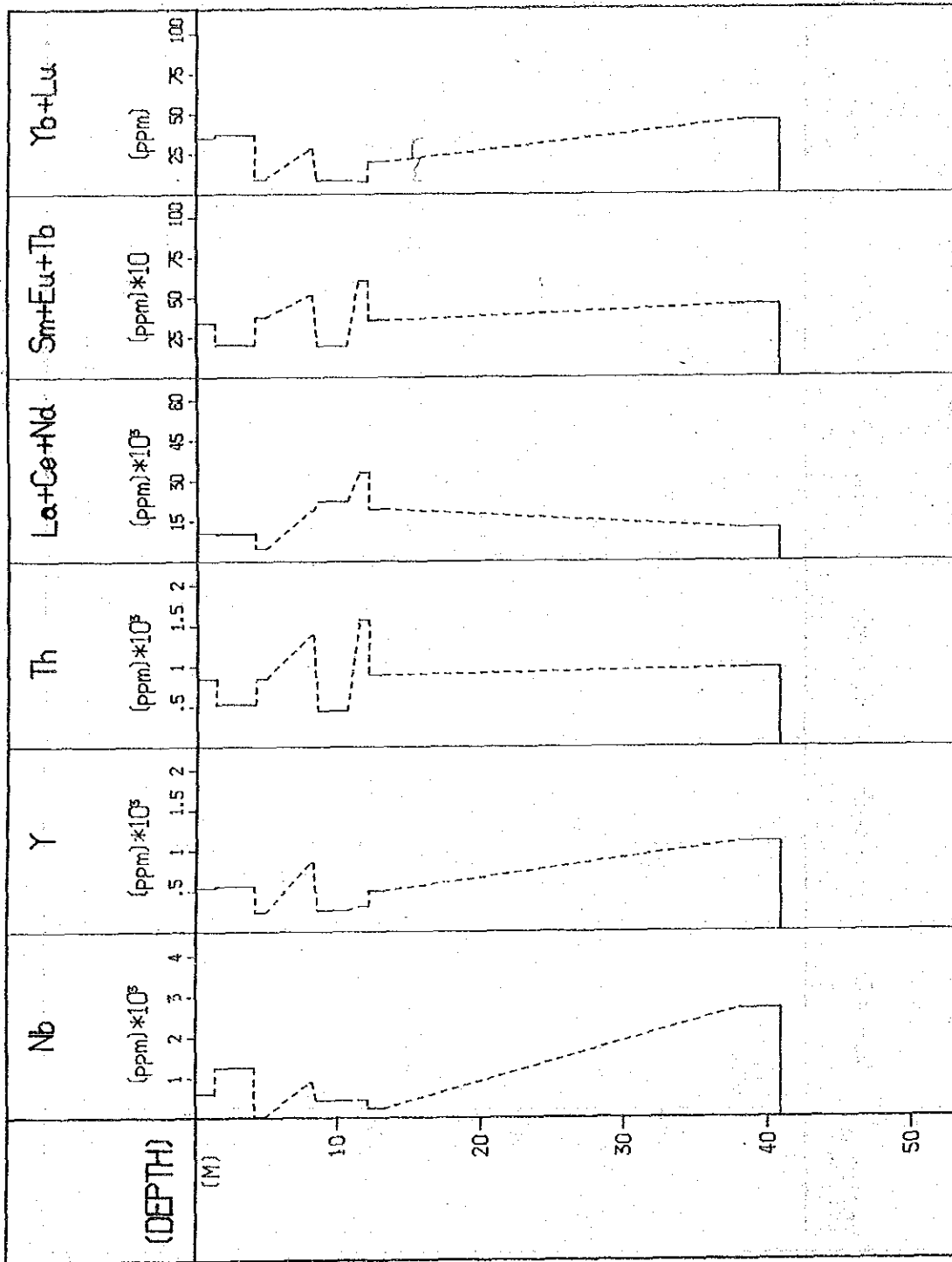
Ap. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-13 (50.40m)



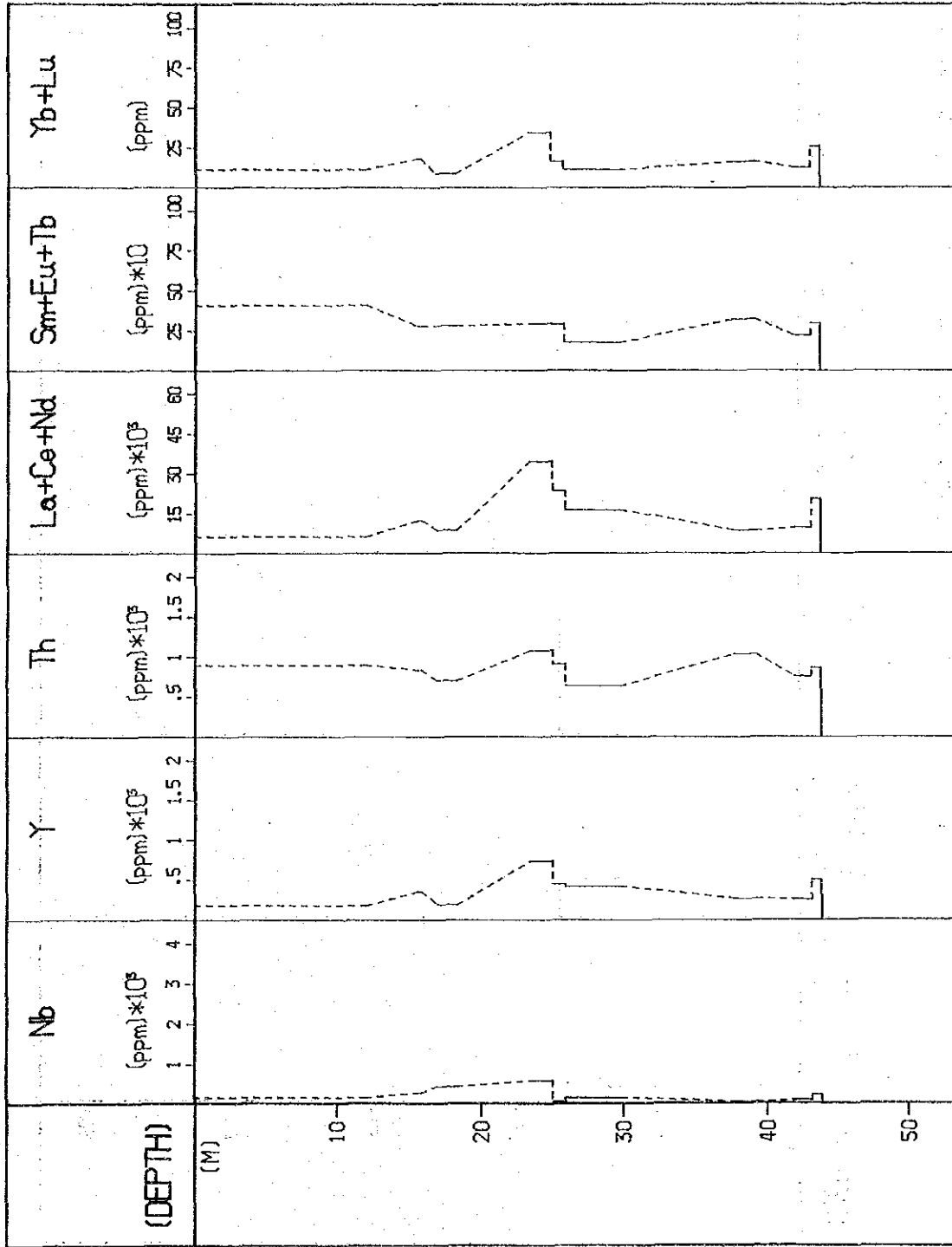
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-14 (50.30m)



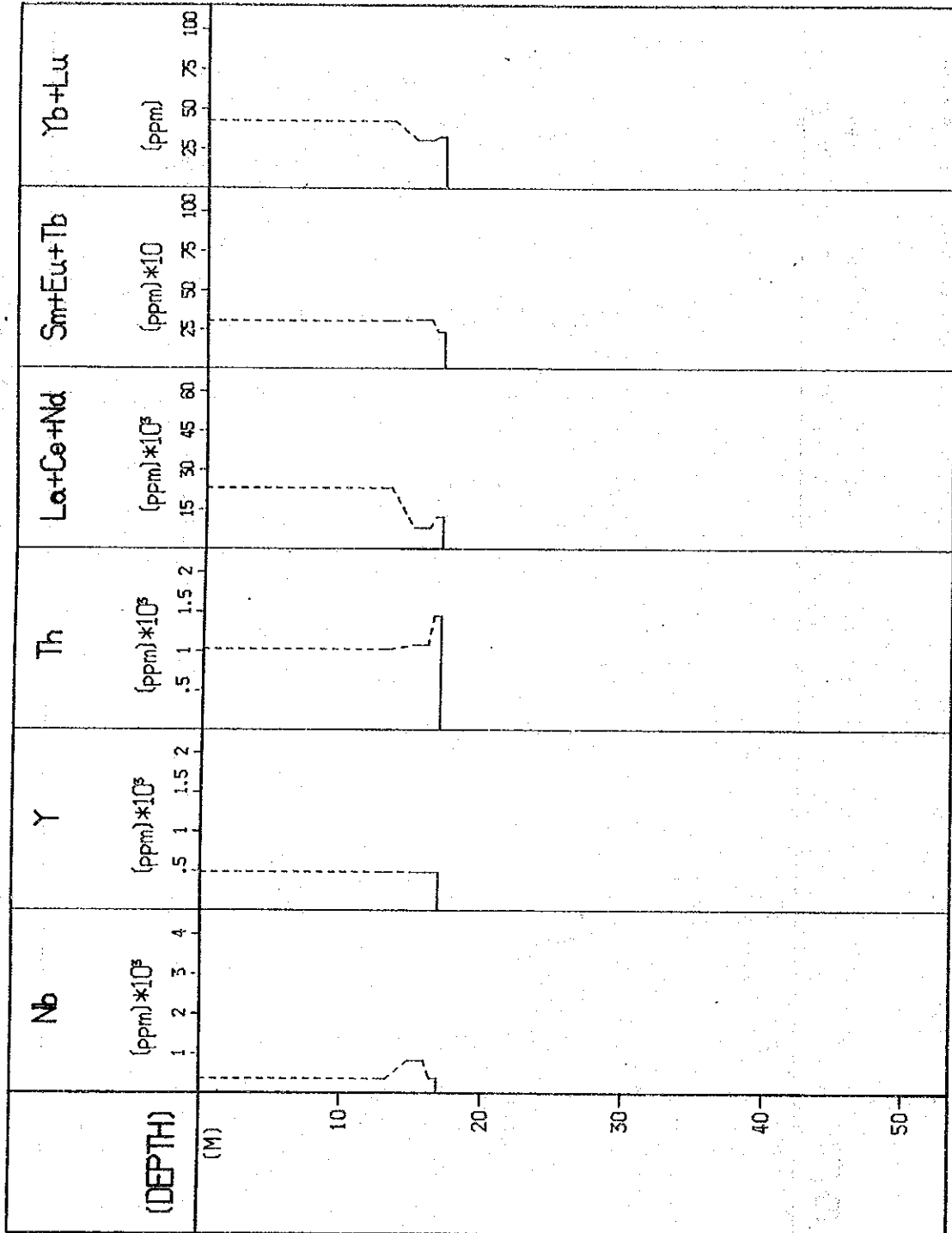
Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-15 (50.30m)



Apx. 72 Vertical Variation of Elements by Diamond Drilling Hole

BR-16 (50.40m)



Ap. 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

Rig		T H S - 5				Y B M - 3 E S				
Date	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					3.00	10.20	13.20	15.50
18		Demobilization					5.90	9.60	15.50	31.00
19		do.					7.40	12.00	19.40	50.40
20		do.					Dismounting			
21							Demobilization			
22							do.			
23		Completion and packing of Drill rigs and Equipments								
24		do.								
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	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
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	Mounting				
6		Dismounting					4.50	6.30	10.80	10.80	
7	BR-13	Mounting					11.20	5.80	17.00	27.80	
8		do.					7.10	11.10	18.20	46.00	
9		4.60	13.00	17.60	17.60		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 operator	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

Item		Drilling hole No.					
		BR-4	BR-5	BR-6	BR-7	BR-8	
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	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

Item		Drilling hole No.					
		BR-9	BR-10	BR-11	BR-12	BR-13	
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

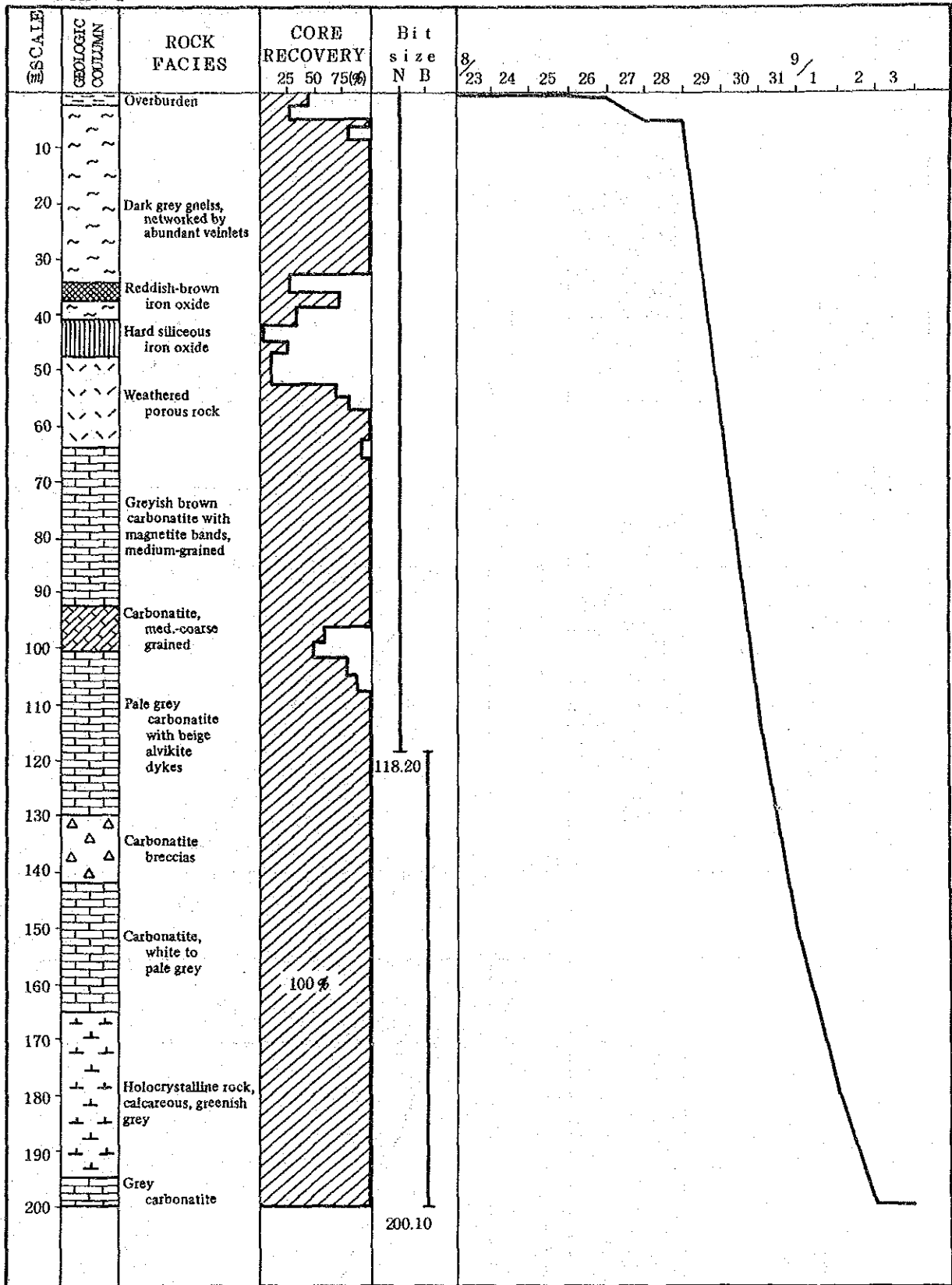
Drilling hole No.		BR-14	BR-15	BR-16	Mobiligation & Demobilization	Total	
Item	Drilling length (m)	50.30	50.30	50.40	1,055.90	* 1,005.70 (1,055.90)	
	Core length (m)	47.20	46.50	50.40		* 904.30 (928.50)	
	Core recovery (%)	93.8	92.40	100		* 89.9 (87.9)	
	Depth by NQ size (m)	21.10	33.10	21.10		644.80	
	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 operater	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

□ TIS-5
 ▨ YBM-3ES

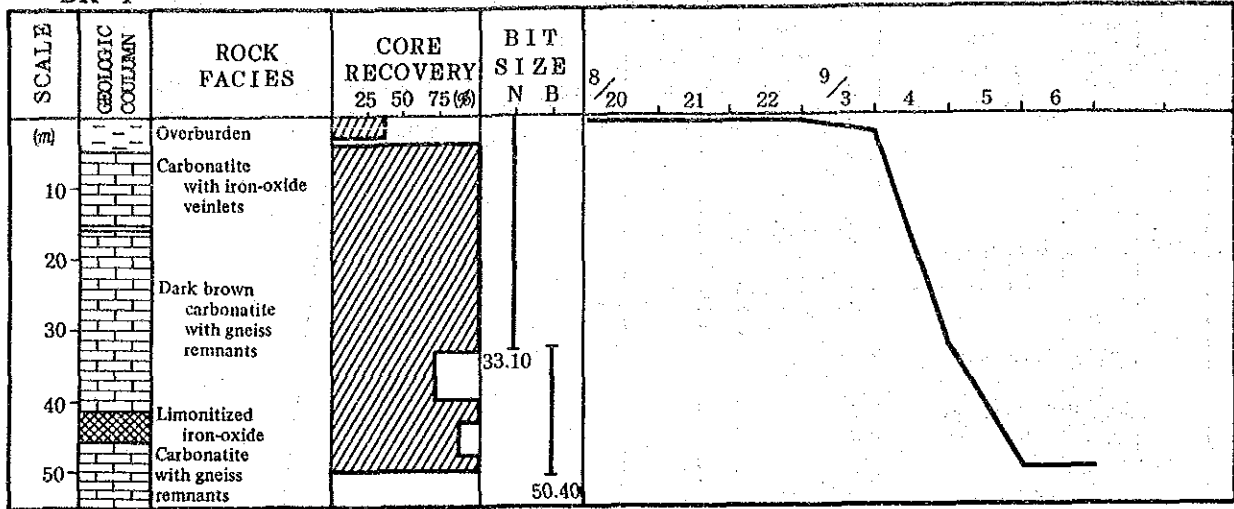
作業項目	月	'88 7月					8月					9月					10月					11月				
		30	25	20	15	10	5	30	25	20	15	10	5	30	25	20	15	10	5	30	25	20	15	10	5	
動員 (東京-NAIROBI-KERICHO)		3																								
搬入・設管		5	25																							
BRL-1 200.10 ^m			26																							
BR-1 50.40			3	5																						
BR-2 50.20				6	7																					
BR-3 50.40					8	9																				
BR-4 50.50						10	14																			
BR-5 50.40							14	17																		
BR-2' 50.10								17	20																	
BR-6 50.10									21	23																
BR-7 50.40										23	25															
BR-8 50.40											26	28														
BR-9 50.40												28	30													
BR-10 50.40													30	33												
BR-11 50.30														3	4											
BR-12 50.40															5	8										
BR-13 50.40																8	10									
BR-14 50.30																	11	13								
BR-15 50.30																		13	15							
BR-16 50.40																			15	19						
撤収																									16	26
復員 (KERICHO-NAIROBI~間)																									28	4

BRL-1

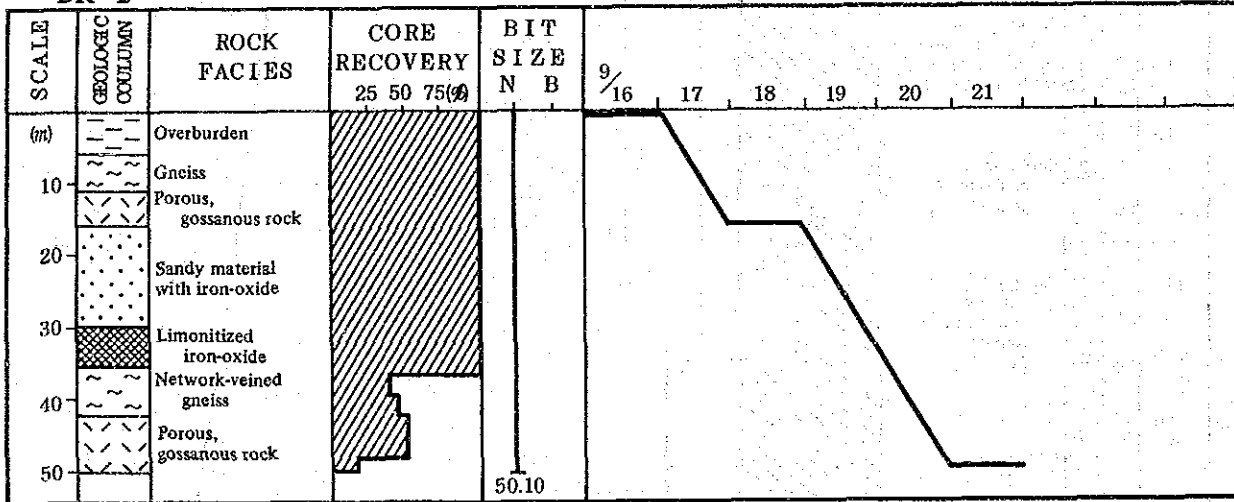


Apx. 76 Drilling Progress by Hole

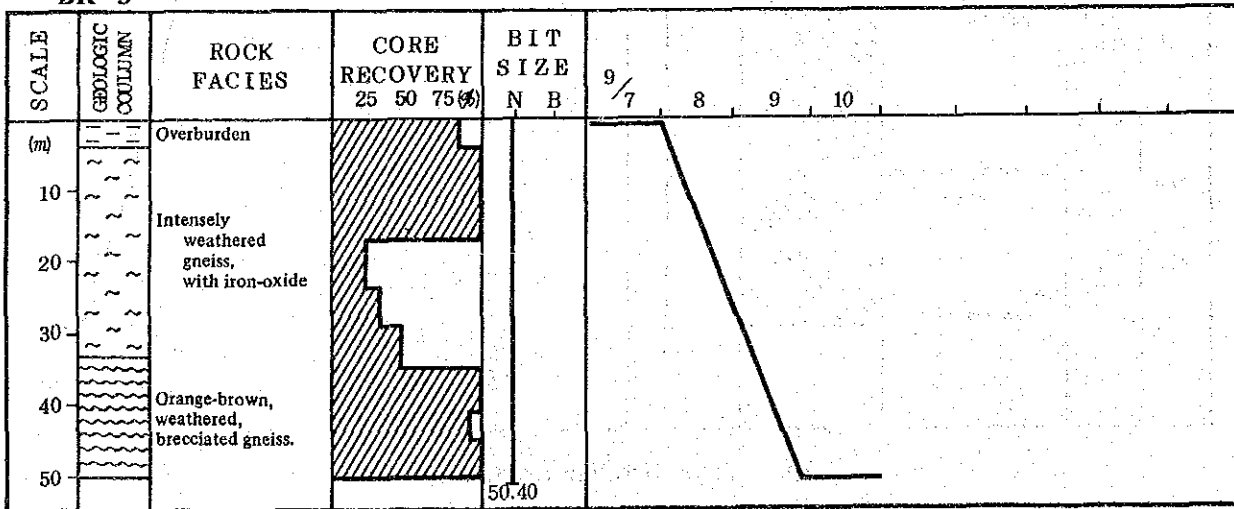
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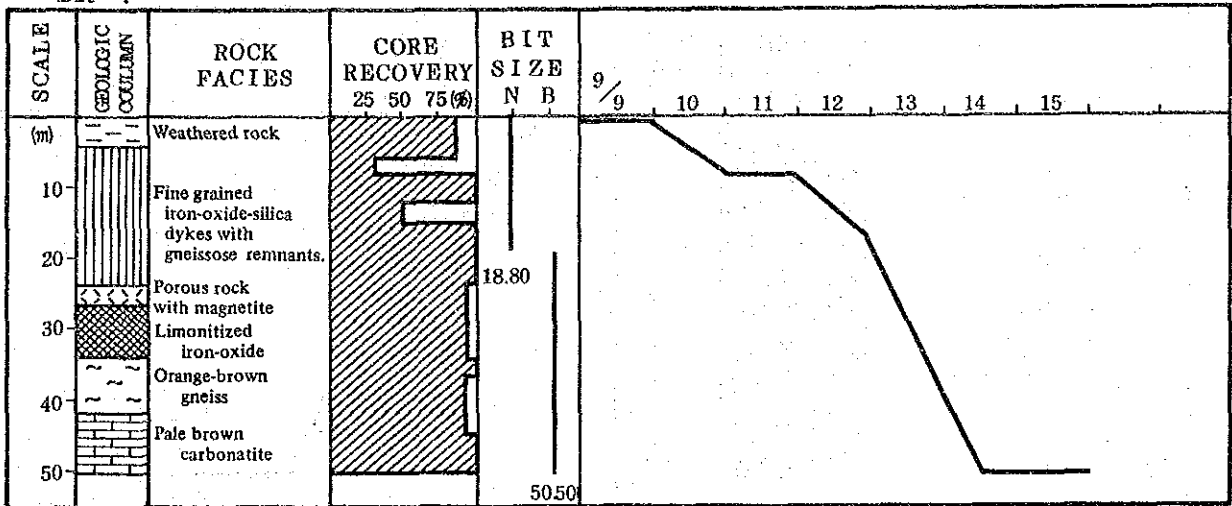
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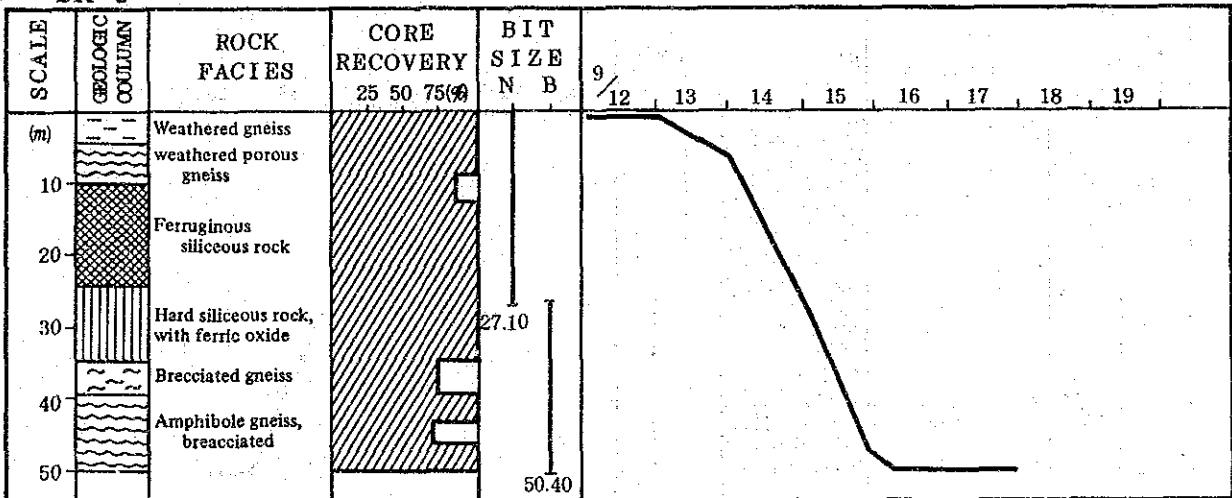
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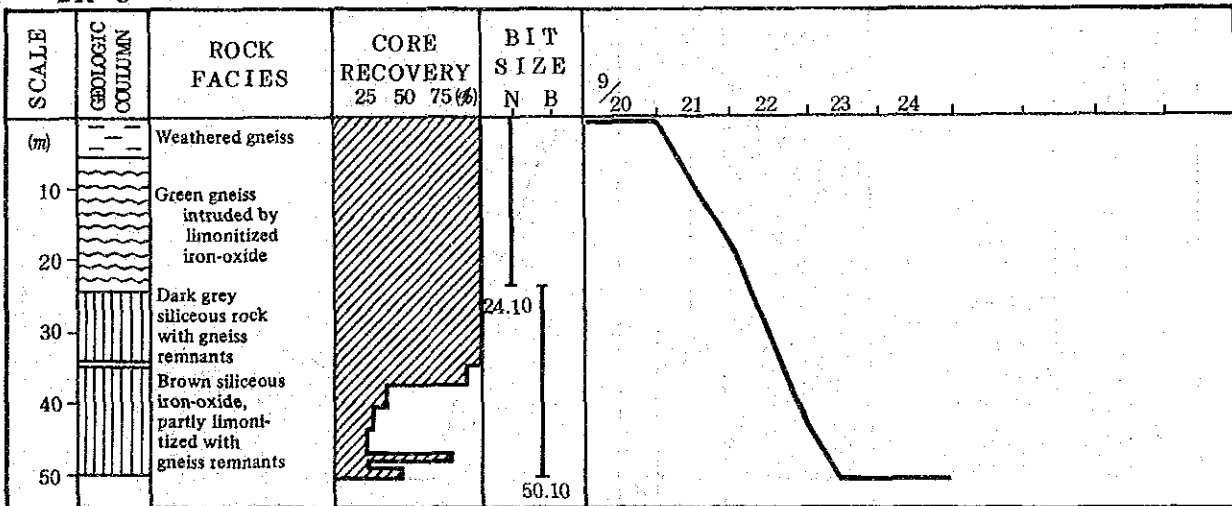
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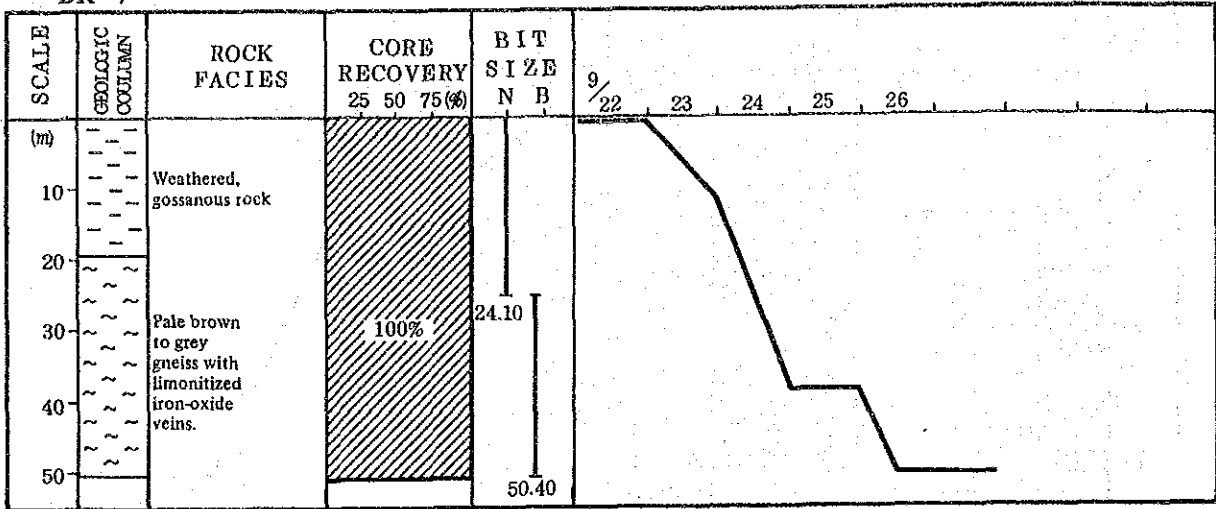
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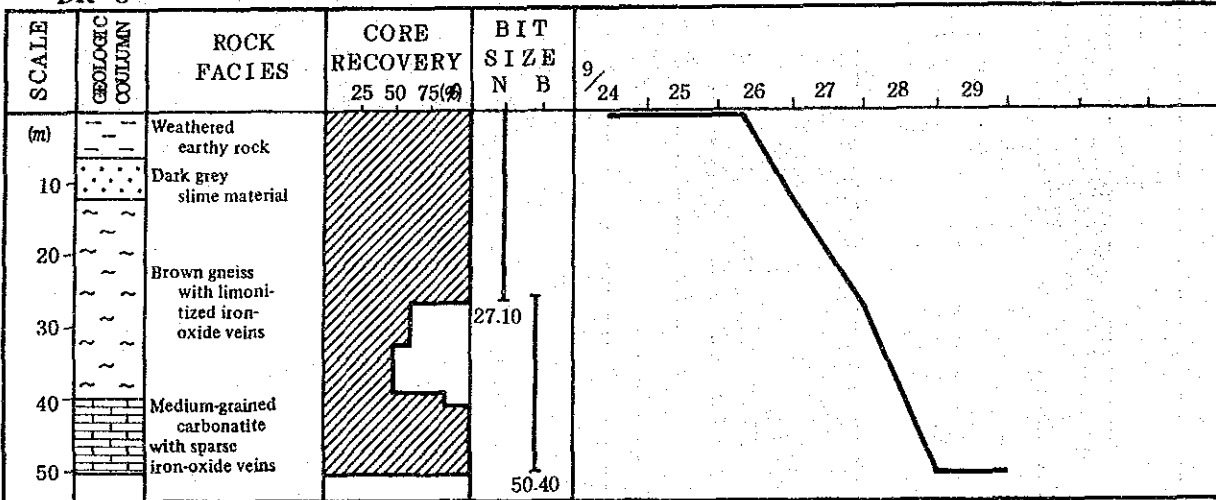
BR-6



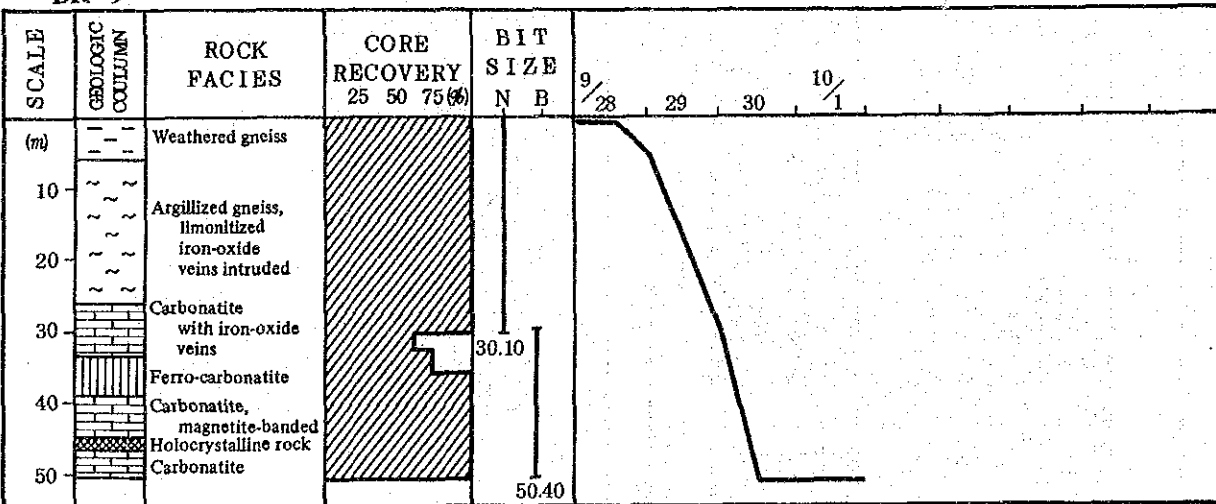
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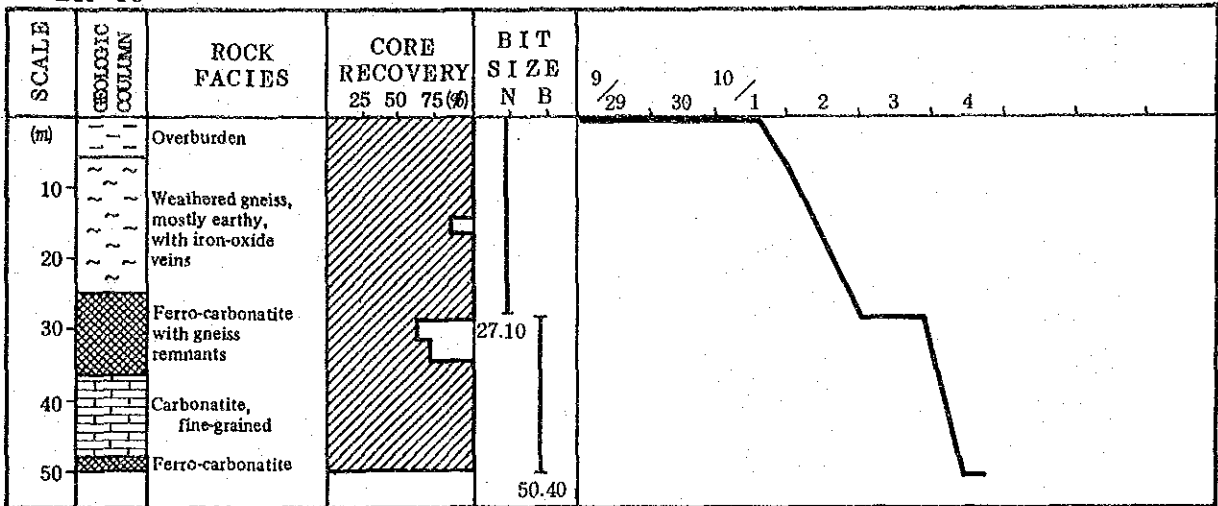
BR-8



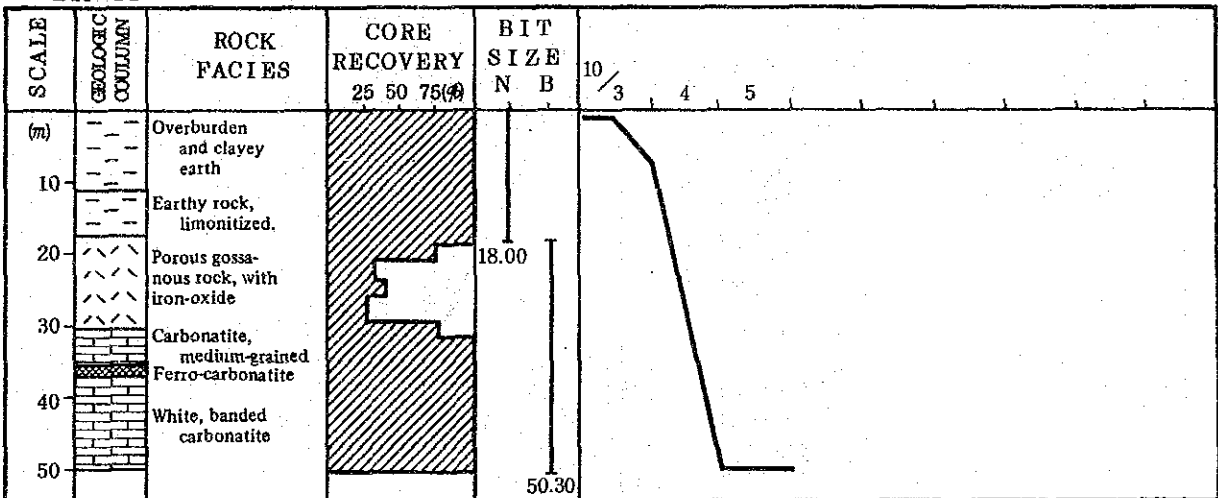
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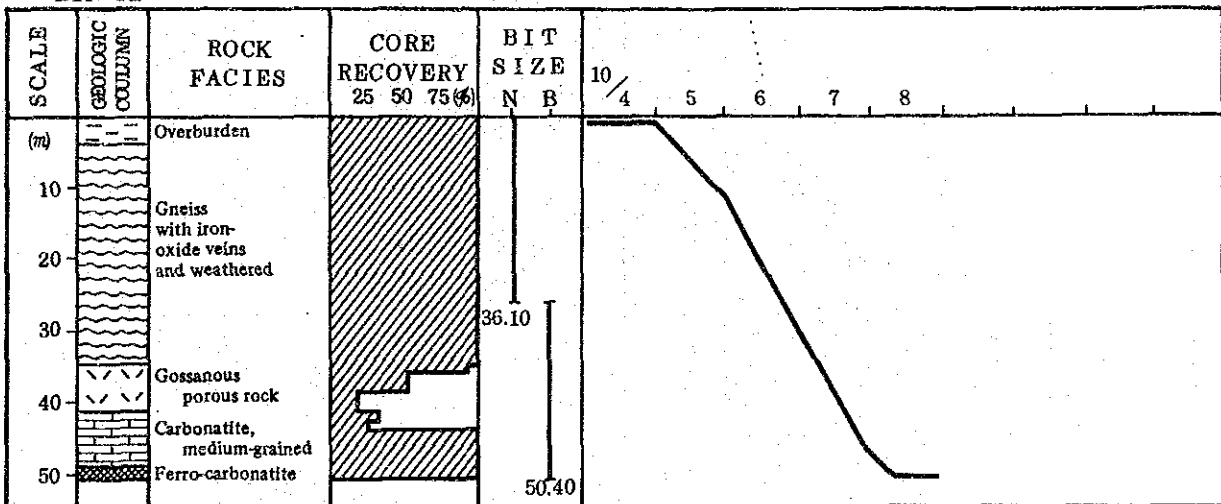
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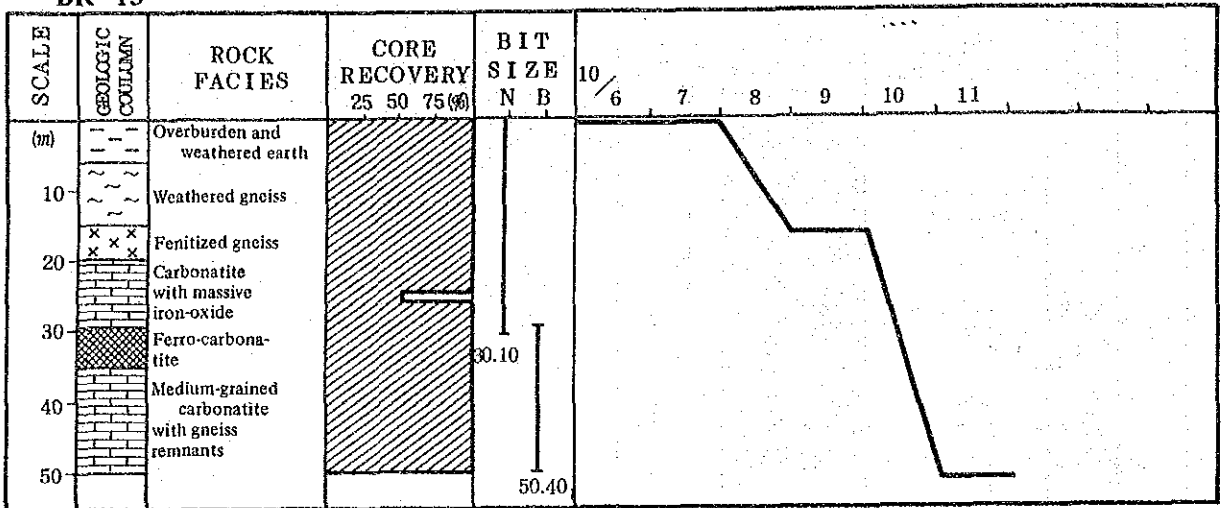
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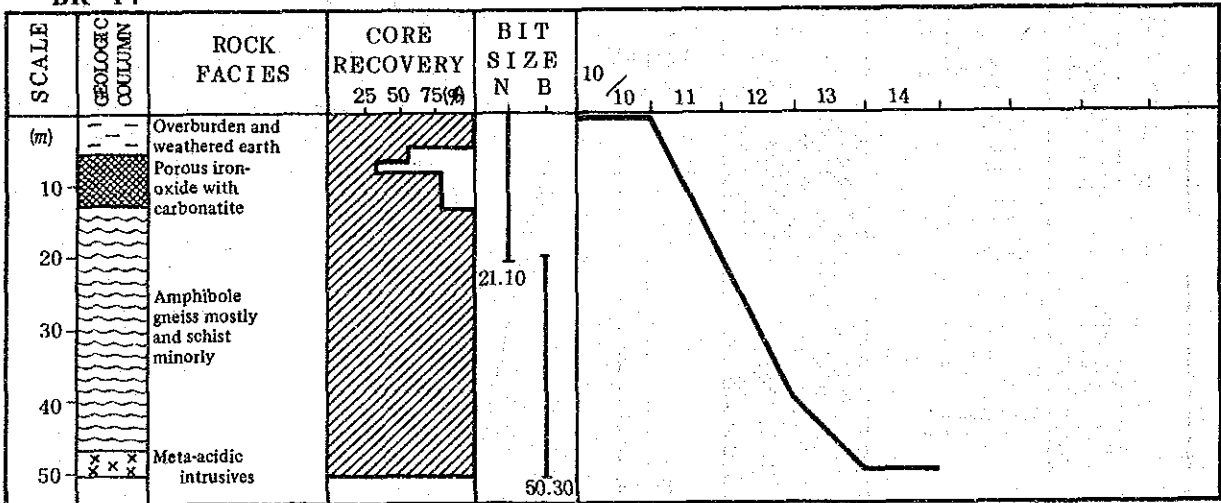
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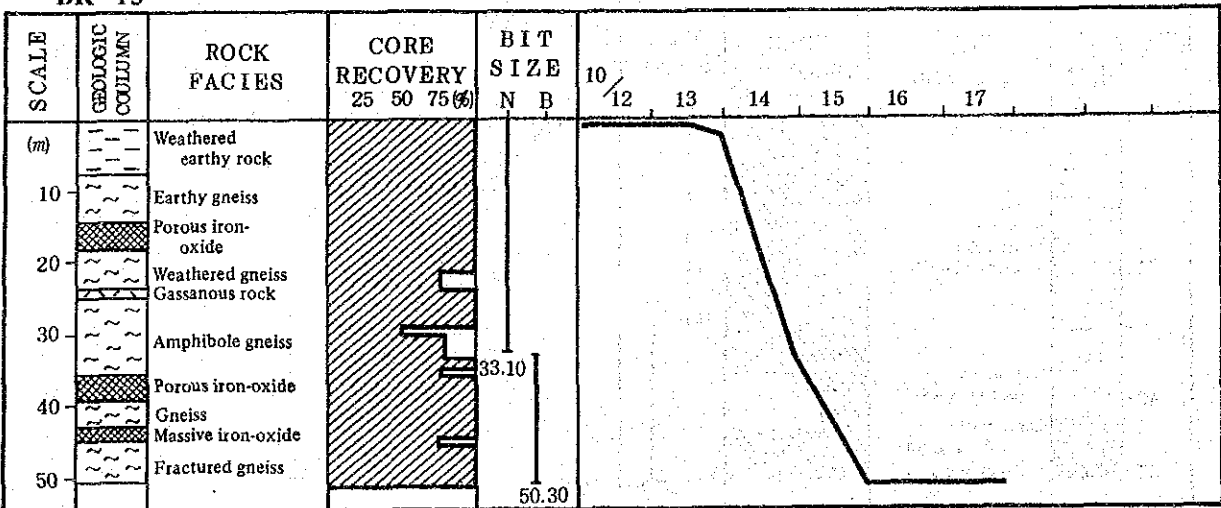
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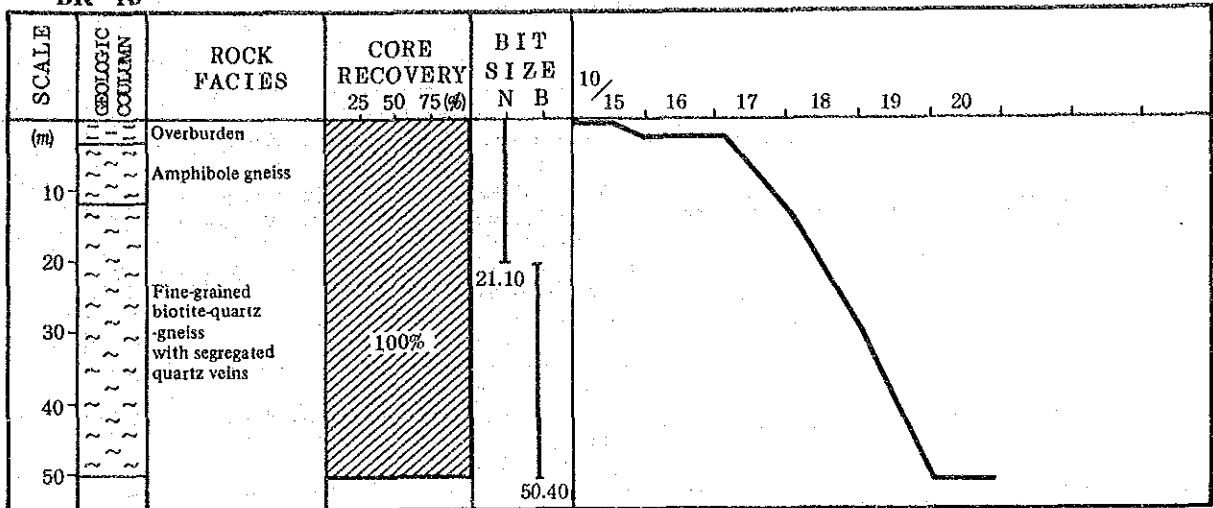
BR-14



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	BR-1	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
do. (BQ)	pcs	9	1				3	2	2
Cutting Oil (Detergent powder)	Dz	7	2	2	2	2	2	2	
Diesel		680	200	160	220	160	280	220	200
Gasoline	"	50	25	20	30	20	35	30	25
Engine Oil	"	40	5	4	5	4	7	5	5
Grease	kg	3	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	Weathering S: strong M: moderate W: weak F: fresh
	Sandy material	
	Clay	
	Gossan	Reaction to HCl +: react -: not react
	Siliceous ore (△: brecciated)	
	Ferruginous ore	Magnetic test +: magnetic -: non magnetic
	Ferrocarnatite	
	Alvikite (later stage)	Vein V: vein part A: abundant C: common R: rare N: not veined
	Carbonatite breccia	
	Carbonatite	
	Coarse-grained carbonatite	
	Melanephelinite	
	Fenite	Tested Samples WA: whole rock analysis T: thin section P: polished thin section E: EPMA test
	Metaintrusive	
	Calcareous schist	
	Amphibole gneiss	
	Granitoid gneiss	

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	SAMPLE No.	DEPTH and WIDTH (m)	ANALYTICAL RESULTS																COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (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		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	(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 (1.30)	<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	(20.5)	<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	(2.95)	<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 (1.50)	<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 (0.30)	<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	(4.00)	<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 (1.65)	<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	(4.30)	<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			
25		26.75	orange brown weathered gneiss, orange brown silicious veinlets and black iron-oxide veinlets predominant	S	-	-	A		BRL-1-12	(2.75)	<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	(2.80)	<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																						
		32.80	brownish grey strongly weathered, somewhat earthy iron-oxide	S	-	-	C		BRL-1-14	(3.20)	<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	(2.40)	<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			
40		38.40	brownish grey strongly weathered gneiss with sporadic iron-oxide veinlets	S	-	-	C		BRL-1-16	(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			
		41.40	brownish grey hard compact siliceous iron-oxide, (core recovery very poor)	S	-	-	V		BRL-1-17	(3.00)	<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																						
		46.10	orange brown amorphous iron-oxide - silica mineral vein	S	-	-	V		BRL-1-18	(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			
50		49.20	orange brown granulated gneiss	S	-	-	C																						
		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	(1.79)	<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	(0.95)	<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	BRL-1-B (WA, T)	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	74.10m																							
		75.00	pale grey, weakly ferric-oxide stained, medium-grained banded carbonatite	M	+	-	R		BRL-1-27	(2.60)	<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 carbon-tite	W	+	+	R																								
		80.40	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 carbon-tite, 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. BRL-1
100-150m

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)			
100		101.20	white coarse-grained carbonatite	F	+	+	N																				
			white medium-grained homogeneous carbonatite with fluorite minor veinlets	F	+	+	N																				
105		104.05	pale grey fine to medium-grained carbonatite with fine dissemination and bands of magnetite, and irregular veinlets of fluorite	F	+	+	N																				
		107.60	pale grey fine to medium-grained carbonatite with minor magnetite dissemination, fluorite patches sporadically occurred	F	+	+	N	107.30m BRL-1-30 (WA, T, E)	*107.30	<0.07	0.79	3600	640	270	1	266	0.270	0.33	0.07	94.0	24.9	10.3	21.6	3.4	0.67		
110		112.40	pale grey to white, heterogeneous medium-grained carbonatite, magnetite : banded, pyrite : disseminated, fluorite : veinletted	F	+	+	N																				
115		115.40	beige alvikite dike with carbonatite blocks	F	+	-	N	113.90m BRL-1-31 (WA)	*113.90	<0.07	0.90	2050	670	260	1	336	0.350	0.46	0.12	157.4	42.3	12.9	13.8	1.6	0.93		
		116.10		F	+	+	N																				
		117.25		F	+	+	N																				
		117.50		F	+	-	N																				
120		121.00	white, slightly banded medium-grained carbonatite, disseminated occurrence of fluorite and banded pyrite observed,	F	+	+	N																				
		121.00	white to pale grey, medium to coarse grained carbonatite, pyrite and magnetite weakly disseminated,	F	+	+	N	BRL-1-32	*121.70	<0.07	1.36	2050	630	260	<1	353	0.450	0.56	0.13	137.7	34.4	10.4	18.7	2.8	1.14		
125		124.10		F	+	+	N																				
		124.50	beige alvikite dike	F	+	-	N																				
			white to pale grey, heterogeneous (fine to coarse-grained) irregularly banded carbonatite, magnetite, pyrite, and fluorite weakly disseminated throughout,	F	+	+	N																				
130		130.00	pale grey, fine to medium-grained carbonatite breccia, breccia of carbonatite : max. 3 cm, av. 0.1~1 cm, dark green pyroxene rich breccia occur in some places, minor fluorite and very minor sulfide disseminated, no alvikite dike or dikelet	F	+	+	N	131.30m BRL-1-33 (WA, T, E)	*131.30	<0.07	1.26	2700	1000	370	7	533	0.230	0.38	0.12	230.0	66.2	18.1	15.0	2.4	0.73		
135				F	+	+	N																				
140																											
145		142.30	white to pale grey, medium-grained, slightly banded carbonatite, magnetite weakly disseminated, fluorite poorly occurred,	F	+	+	N	BRL-1-34	*142.80	0.07	7.58	>10000	1200	720	2	1014	0.550	1.33	0.62	466.0	97.7	20.4	25.0	3.3	2.50		
150																											

DDH No. BR-1

LOCATION { X : E 740.860
(UTM GRID) Y : N 9,979.168
ELEVATION : 1,350.0 m

BEARING :
INCLINATION : -90°
LENGTH : 50.40 m

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 weathered porous overburden, magnetite rich, non calcareous	S	-	+	A																				
4.40			brown banded porous magnetite rich rock	S	-	+	A																				
4.45		30°	pale reddish brown fine-grained carbonatite, magnetite rich in forms of dissemination and bands, reddish brown limonitized iron-oxide vein occur sporadically, and distinct parts are as follows; 8.05-8.20 m, 9.85-9.90 m, 11.15-11.30 m, 11.60-12.10 m, 13.50-13.65 m, 13.80-13.90 m	M	+	+	M	BR-1-01	(5.43)	<0.07	1.10	2500	940	540	1	436	0.130	0.28	0.11	150.8	45.5	17.6	23.1	3.8	0.52		
9.90				M	+	+	M	BR-1-02	(4.15)	<0.07	1.32	1450	1650	500	12	568	0.170	0.40	0.17	267.6	71.7	25.0	25.1	3.4	0.74		
14.05		45°	pale brown fine-grained banded carbonatite, magnetite disseminated, reddish brown limonitized iron-oxide veinlets cutting bands : 15.00-15.40 m, 15.90-16.15 m, 17.40-17.50 m.	M	+	+	A	BR-1-03	(3.35)	<0.07	1.48	1350	1700	380	8	374	0.220	0.46	0.17	225.9	55.8	15.9	17.9	3.0	0.85		
17.40			white brecciated gneiss, minor ferric oxide veinlets common,	M	-	-	A	BR-1-04	(0.15)	<0.07	1.53	850	790	730	4	1353	0.460	0.72	0.25	370.4	95.1	30.0	34.8	4.9	1.43		
19.80			brown medium-grained carbonatite, black limonitized iron-oxide spots after magnetite are common, relict of gneiss : 21.40-21.80 m, 22.00-22.30 m, 22.80-23.40 m	M	±	±	A	BR-1-05	(4.30)	<0.07	2.65	1750	620	410	3	350	1.010	1.10	0.24	201.5	49.0	15.6	25.7	3.3	2.35		
24.10			orange brown stained fine to medium-grained carbonatite and brecciated brown gneiss,	S	±	±	M	BR-1-06	(0.90)	<0.07	0.97	2250	1300	880	6	660	0.190	0.36	0.13	249.4	78.3	34.8	34.3	5.6	0.68		
26.80			light greyish brown medium-grained carbonatite, dark brown medium-grained ferruginous carbonatite, vertical calcareous chocolate brown veinlets (≤ 1cm) are very common, 31.20-31.50 m: reddish brown limonitized iron-oxide vein	S	+	-	A	BR-1-07	(3.50)	0.14	4.82	2250	1500	630	9	747	1.050	1.32	0.31	259.9	65.8	25.0	24.1	5.2	2.68		
31.20			brownish grey weathered brecciated gneiss, with minor amount of biotite	S	-	-	M	BR-1-08	(0.30)	<0.07	2.25	1000	200	350	5	647	0.220	0.50	0.24	267.4	60.1	18.1	11.8	2.6	0.96		
35.60			brown fine-grained carbonatite with fine spots of beige apatite, non magnetic (by oxidation of magnetite), minor chocolate brown limonitized iron-oxide veinlets, 40.30-40.60 m: massive iron-oxide vein	S	+	-	M	BR-1-09	(4.70)	<0.07	5.46	2200	245	490	124	578	1.740	1.75	0.34	213.9	52.5	12.8	18.4	4.5	3.83		
40.30			dark brown gneiss stained by limonite chocolate brown limonitized iron oxide, 41.90-43.80: poor core recovery 43.80-44.40: massive part	S	-	-	M	BR-1-10	(2.50)	<0.07	3.96	850	250	440	23	750	0.480	0.81	0.30	315.8	77.3	17.7	14.5	3.3	1.59		
44.40		50°	brown finely granulated porous gneiss	S	-	-	M																				
47.10			pale brownish grey, massive partly brecciated fine-grained carbonatite, 47.55-48.00; relict of gneiss, 49.15-49.60 m, 50.15-50.40 m: brown limonitized iron-oxide	M	+	+	A	BR-1-12	(3.30)	<0.07	2.56	2050	1350	470	12	573	0.710	0.86	0.22	226.3	59.5	17.7	21.1	4.0	1.79		

Apx. 80 Geological Log of Diamond Drilling Hole, BR-1

DDH No. BR-3

LOCATION { X : E 740.748
(UTM GRID) Y : N 9,979.271
ELEVATION : 1,361.0m

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)
0			brown strongly weathered earthy rock	S	-	-																				
5		3.90	orange brown strongly weathered gneiss with black fine veinlets (manganese ?)	S	-	-	C	BR-3-01	3.90																	
		6.35	reddish brown ferric oxide vein rich gneiss	S	-	-	A		(4.50)	0.07	5.59	1350	980	680	5	1093	0.310	0.62	0.25	260.2	71.0	25.8	33.2	4.7	1.18	
		7.30	orange brown and black veinlet rich gneiss	S	-	-	A																			
		8.40	dark grey to black stained strongly weathered gneiss, may be due to weathering of iron-manganese oxide vein	S	-	-	A	BR-3-02	8.40																	
		12.00	orange brown stained gneiss	S	-	-	C		(6.40)	<0.07	7.57	500	990	600	3	1199	0.370	0.78	0.34	277.5	73.4	26.1	30.0	4.2	1.49	
		13.00	dark grey to black stained strongly weathered gneiss	S	-	-	C																			
		14.80	white and orange siliceous vein	S	-	-	C																			
		15.60	orange brown stained, strongly weathered gneiss	S	-	-	A	BR-3-03	15.60	<0.07	6.44	1400	1400	900	15	1099	0.980	1.32	0.35	258.1	74.5	30.8	42.5	6.9	2.65	
		16.40		S	-	-	C																			
		20.40	dark reddish brown limonitized iron oxide vein	S	-	-	A	BR-3-04	20.40	<0.07	2.99	1000	255	370	6	774	0.180	0.47	0.17	190.0	48.3	16.8	15.3	2.3	0.82	
		20.85	orange brown strongly limonitized rocks (gneiss ?), Orange brown veinlets are abundant.	S	-	-	A	BR-3-05	20.85	<0.07	5.90	1250	1100	860	2	1068	0.580	0.84	0.24	272.3	84.9	36.9	40.2	5.7	1.66	
		25		S	-	-	A		(19.35)	<0.07	5.90	1250	1100	860	2	1068	0.580	0.84	0.24	272.3	84.9	36.9	40.2	5.7	1.66	
		30.20	orange brown limonitized iron-oxide vein rich gneiss, Fluorite dissemination along vein are visible.	S	-	-	A	BR-3-06	30.20	<0.07	5.23	1300	610	820	<3	1051	0.530	0.77	0.25	316.8	78.7	34.6	44.2	6.3	1.55	
		33.50	orange brown strongly weathered rock (gneiss). Some green chloritized gneiss remains as relict.	S	-	-	C		(16.05)	<0.07	5.23	1300	610	820	<3	1051	0.530	0.77	0.25	316.8	78.7	34.6	44.2	6.3	1.55	
		36.25	brown to orange brown brecciated gneiss with abundant fine veinlets of limonitized iron-oxide	S	-	-	A																			
		38.80	red hematite veinlet	S	-	-	V	BR-3-07	38.80	<0.07	9.44	1050	980	1050	8	1291	0.750	1.06	0.35	375.0	108.1	52.3	52.2	6.9	2.16	
		39.00		S	-	-	A		(15.20)	<0.07	9.44	1050	980	1050	8	1291	0.750	1.06	0.35	375.0	108.1	52.3	52.2	6.9	2.16	
		41.45	orange brown strongly weathered gneiss rich in veinlets	S	-	-	V																			
		41.80		S	-	-	A	BR-3-08	41.45	0.07	5.27	1150	1750	740	6	1349	0.820	1.01	0.28	388.4	105.3	40.2	36.3	5.6	2.11	
		43.00	brown, partly orange brown strongly weathered brecciated gneiss	S	-	-	A		(4.55)	0.07	5.27	1150	1750	740	6	1349	0.820	1.01	0.28	388.4	105.3	40.2	36.3	5.6	2.11	
		46.00	Relict fragments of white and green gneisses are visible.	S	-	-	C																			
		46.00	Moderate film veinlets of limonitized iron-oxide	S	-	-	C	BR-3-09	46.00	<0.07	8.57	2000	1150	1250	8	1415	0.990	1.30	0.34	339.3	97.4	49.7	58.5	8.9	2.63	
		50.40		S	-	-	C		(4.40)	<0.07	8.57	2000	1150	1250	8	1415	0.990	1.30	0.34	339.3	97.4	49.7	58.5	8.9	2.63	
50		50.40		S	-	-	C		50.40																	

Apx. 82 Geological Log of Diamond Drilling Hole, BR-3

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	SAMPLE No.	DEPTH and WIDTH (m)	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY (%)	DEPTH (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	-	-				0.70	<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		BR-4-01	0.70-2.00																			
		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	3.60-5.40	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	5.40-8.10	<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	9.60-11.30	<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	11.30-15.00	<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	-	-				15.00-15.55																			
		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	15.55-18.50	<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			18.50-18.80																			
		23.50	dark grey very fine-grained hard siliceous iron-oxide rock with rosy porous part	M	-	-	R		BR-4-07	18.80-23.50	<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	23.50-27.00	<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, limonitized very fine-grained iron-oxide ore (vein), magnetic, possibly oxidized products of ferro-carbonatite	S	-	+	A		BR-4-09	27.00-33.10	<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			33.10-34.90																			
40		40.50	grey to white, occasionally orange brown gneiss, weakly veined by limonitized iron-oxide	S	-	-	C			34.90-40.50																			
		40.70	brown weathered porous gneiss	M	+	-				40.50-40.70																			
		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	40.70-42.20	<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			
45		46.00		M	+	+	C	45.20m BR-4-C (WA, T)	BR-4-11	42.20-46.00	<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								46.00-50.50																			

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

DDH No. BR-5

LOCATION { X : E 740.758
(UTM GRID) Y : N 9,979.406
ELEVATION : 1,366.0 m

BEARING :
INCLINATION : -90°
LENGTH : 50.30 m

DEPTH (m)	GEOLOGIC COLUMN	BOUNDARY DEPTH(m) and CORE ANGLE (°)	GEOLOGICAL DESCRIPTION	WEATHERING	REACTION to HCl	MAGNETIC TEST	VEIN	POSITION of TESTED SAMPLES	SAMPLE No.	DEPTH and WIDTH (m)	ANALYTICAL RESULTS														COMBINED La, Ce and Nd CONTENTS (%)	CORE RECOVERY %	DEPTH (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			strongly weathered gneiss or reddish brown soil	S	-	-				0.00																			
1.50			purple brown earthy to fragmental rock with grey siliceous fragments and green gneiss relict	S	-	-			BR-5-01	(3.80)	<0.07	3.21	1600	770	660	2	902	0.410	0.77	0.29	286.1	83.0	31.2	26.5	3.3	1.47			
3.80			strongly weathered chloritized gneiss	S	-	-	C																						
4.70			grey to dark grey weathered porous gneiss, stained by ferric oxide	S	-	-	C																						
7.00			strongly weathered pale green gneiss with siliceous iron-oxide veins	S	-	-	A		BR-5-02	(4.10)	<0.07	5.83	2450	405	860	2	1218	0.650	1.06	0.32	307.2	91.9	33.0	35.1	5.1	2.03			
8.80			brown gneiss, strongly replaced by silica minerals	S	-	-	A																						
10.00			dark grey ferruginous (stained by ferric oxide), partly porous, partly compact rock, silica replacement dominant (original rock : gneiss ?)	S	-	-	V		BR-5-03	(7.00)	<0.07	5.12	1900	1100	1350	23	1614	1.360	1.43	0.35	408.6	142.3	57.4	59.4	8.1	3.14			
13.50			brown siliceous compact rock	M	-	-	V																						
14.50			dark grey silicified rock, compact to porous	S	-	-	V	14.80m BR-5-A (WA)																					
15.80			pale brown strongly weathered gneiss, rich in chlorite after amphibole	S	-	-	R																						
18.90			orange brown limonitized iron-oxide veinletted rock	S	-	-	A		BR-5-04	(6.10)	<0.07	2.04	750	1350	1050	<4	1377	0.620	0.91	0.28	322.3	98.1	44.8	45.6	6.3	1.81			
20.70			brown weathered gneiss with abundant spots and patches of ferric oxides	S	-	-	V																						
21.90				S	-	-	A																						
23.50			pale greenish grey weathered gneiss. Spots, patches and stain of ferric oxide are dominant.	S	-	-	C		BR-5-05	(4.70)	<0.07	0.71	500	950	420	<4	1212	0.300	0.57	0.21	255.8	67.0	24.3	23.5	3.6	1.08			
25.40			brown very fine-grained compact silicified rock	M	-	-	V																						
26.60			brown stained, brecciated gneiss	S	-	-	C																						
27.80			dark brown hard siliceous rock (massive quartz vein), stained by ferric oxide (hematite)	M	-	-	V																						
29.80			brown hard siliceous rock (amorphous silica vein),	M	-	-	V																						
31.50			brown hard siliceous breccia, small breccia of gneiss (max. 2 cm, usually less than 1 cm) dominant,	M	-	-	V	31.90m BR-5-B (WA, P)	BR-5-06	(7.50)	<0.07	2.49	1100	1100	510	<3	857	0.610	0.82	0.23	255.6	72.9	25.5	26.7	4.3	1.66			
35.30			brown strongly weathered brecciated gneiss	M	-	-	R																						
37.40			brown strongly weathered earthy gneiss	M	-	-	R		BR-5-07	(3.90)	<0.07	3.19	1550	580	710	13	1000	0.850	1.14	0.30	270.5	81.1	30.2	26.3	4.2	2.29			
39.20			brown strongly weathered fine-grained amphibole gneiss, some amphibole altered to chlorite, Sporadic limonitized iron-oxides and black spots	M	-	-	C		BR-5-08	(7.40)	<0.07	5.40	1650	1600	790	23	921	0.930	1.19	0.31	277.2	84.1	35.1	31.7	4.9	2.43			
46.60			silicified brecciated gneiss, Silica mineral occurs as matrix of breccia or amorphous bands.	M	-	-	A		BR-5-09	(3.30)	<0.07	4.98	1850	1400	450	2	628	0.790	0.95	0.23	187.1	55.2	19.7	15.9	2.8	1.97			
49.90			dark brown siliceous iron-oxide vein	M	-	-	V	50.30m BR-5-C	BR-5-10	(0.50)	<0.07	7.09	1900	700	540	4	746	0.800	1.05	0.27	191.6	62.3	24.9	20.8	3.4	2.12			
50.40																													

Ap. 84 Geological Log of Diamond Drilling Hole, BR-5

DDH No. BR-8

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

BEARING :
INCLINATION : -90°
LENGTH : 50.40 m

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	BR-8-05	(7.40)	<0.07	6.01	2250	405	700	31	899	0.510	0.78	0.26	322.6	83.0	24.8	31.5	5.2	1.55		
		16.40	black stained gneiss with abundant limonitized iron-oxide vein	S	-	-	A																				
		19.40	brown stained fragmental core of gneiss with orange brown or black limonitized iron-oxide vein	S	-	-	A	BR-8-06	19.40 (6.25)	<0.07	6.08	2350	630	1000	19	930	1.480	1.58	0.35	283.8	80.4	32.3	38.3	5.8	3.41		20
		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	(10.55) (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																		
		39.40	orange brown limonitized iron-oxide vein	M	-	-	V	BR-8-10	(2.45) (39.45m)	<0.07	2.31	1750	3100	540	12	582	0.270	0.36	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, moderately 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) (50.40)	<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

DDH No. BR-12

LOCATION { X : E 740.954
(UTM GRID) Y : N 9,979.268
ELEVATION : 1,347.5m

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)				Lu (ppm)
0		0.70	brown soil	S	-	-																						
		2.75	greenish grey strongly weathered earthy gneiss	S	-	-	R																					
		3.15	dark grey very fine-grained siliceous iron-oxide vein	S	-	-	V																					
5			greenish grey strongly weathered earthy gneiss original rock : amphibole bearing gneiss	S	-	-	R																					
		8.00	orange brown stained gneiss	S	-	-	C																					
10		9.00	greenish grey strongly weathered earthy gneiss	S	-	-	R	BR-12-01	(4.60)	<0.07	9.17	550	2500	430	19	334	0.400	0.72	0.31	205.5	65.0	18.3	26.8	4.4	1.43			
		13.60	orange brown medium-grained magnetite rich vein	S	-	+	V	BR-12-02	(13.60)	<0.07	0.82	1050	3400	200	62	81	0.084	0.20	0.05	44.9	18.2	5.2	13.7	1.7	0.334			
		13.90	grey, orange brown stained strongly weathered gneiss,	S	-	-	R		(0.30)																			
15		16.50	purplish grey magnetite-hematite vein	M	-	+	V	BR-12-03	(16.50)	<0.07	1.59	800	4950	480	101	256	0.250	0.48	0.18	198.1	63.9	19.0	33.0	4.3	0.916			
		17.10	dark purplish grey limonitized iron oxide vein	S	-	-	V	BR-12-04	(17.10)	<0.07	1.53	600	185	290	4	419	0.076	0.28	0.17	201.0	55.7	12.6	9.9	1.2	0.526			
		18.70	grey, partly orange brown stained weathered gneiss original rock : amphibole bearing gneiss	S	-	-	C		(0.90)																			
20		21.85	light orange brown stained weathered gneiss, 25.50-26.30 m : siliceous iron-oxide vein	S	-	-	C																					
25		25.50	purple stained strongly weathered earthy gneiss veined by limonitized iron-oxide	S	-	-	C	BR-12-05	(4.50)	<0.07	3.42	1100	1700	1600	46	1106	0.350	0.70	0.26	399.8	51.7	65.1	49.1	5.8	1.31			
		26.30																										
		26.70																										
30		31.20	orange brown stained strongly weathered gneiss	S	-	-	C		(3.20)	<0.07	4.50	1500	1450	1850	48	1565	0.620	0.88	0.28	422.9	167.6	65.6	70.1	8.0	1.78			
		31.70	dark greyish brown stained, strongly weathered gneiss veinletted by limonitized iron-oxide	S	-	-	C	BR-12-06	(3.20)	<0.07	4.50	1500	1450	1850	48	1565	0.620	0.88	0.28	422.9	167.6	65.6	70.1	8.0	1.78			
35		34.90	orange brown porous gossan like rock, may be strongly veinletted part of gneiss	S	-	-	A	BR-12-07	(6.45)	0.07	4.49	1750	1100	1550	50	1493	1.610	1.50	0.31	352.4	125.6	41.7	66.2	8.1	3.42			
			grey compact siliceous iron oxide: 35.30-35.60 m, 36.10-36.30 m																									
40		41.35	dark brown to purple stained, medium-grained weath- ered carbonatite, lower part : veinletted by iron-oxide	M	+	-	C	BR-12-08	(3.35)	<0.07	3.52	1100	1450	750	14	1012	0.450	0.59	0.17	227.6	79.6	28.5	42.7	5.5	1.21			
45		44.70	green gneiss	M	+	-	A	(WA, BR-12-A)	(3.30)	<0.07	5.45	1450	1050	1100	13	1199	0.550	0.69	0.18	326.8	111.3	36.2	55.9	7.2	1.42			
		44.90	brown medium-grained carbonatite, strongly veinletted by iron-oxide	M	+	-	A	BR-12-09	(1.50)	<0.07	5.78	1300	1050	960	15	1271	1.390	1.68	0.42	350.0	108.1	27.4	34.2	4.1	3.49			
		48.20	dark brown medium-grained limonitized ferro-carbonatite	M	+	-	A	(WA, T, E)	(10.30)	<0.07	4.59	350	810	600	15	1717	1.260	1.31	0.25	362.3	101.3	22.7	18.8	3.4	2.82			
50		49.70						BR-12-10	(10.30)	<0.07	4.59	350	810	600	15	1717	1.260	1.31	0.25	362.3	101.3	22.7	18.8	3.4	2.82			
		50.10						BR-12-11	(10.30)	<0.07	4.59	350	810	600	15	1717	1.260	1.31	0.25	362.3	101.3	22.7	18.8	3.4	2.82			
		50.40						BR-12-12	(10.30)	<0.07	4.59	350	810	600	15	1717	1.260	1.31	0.25	362.3	101.3	22.7	18.8	3.4	2.82			

Ap. 91 Geological Log of Diamond Drilling Hole, BR-12

