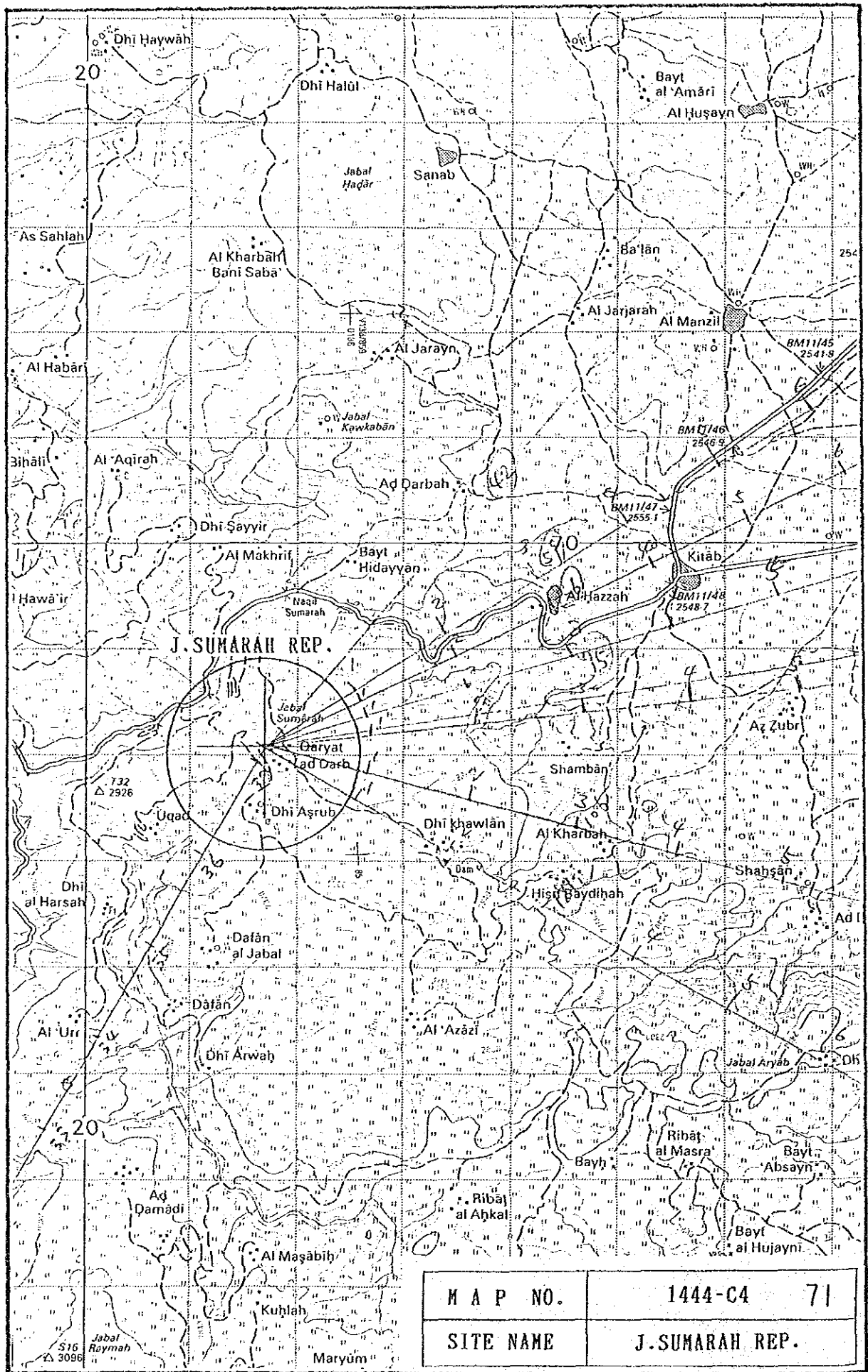
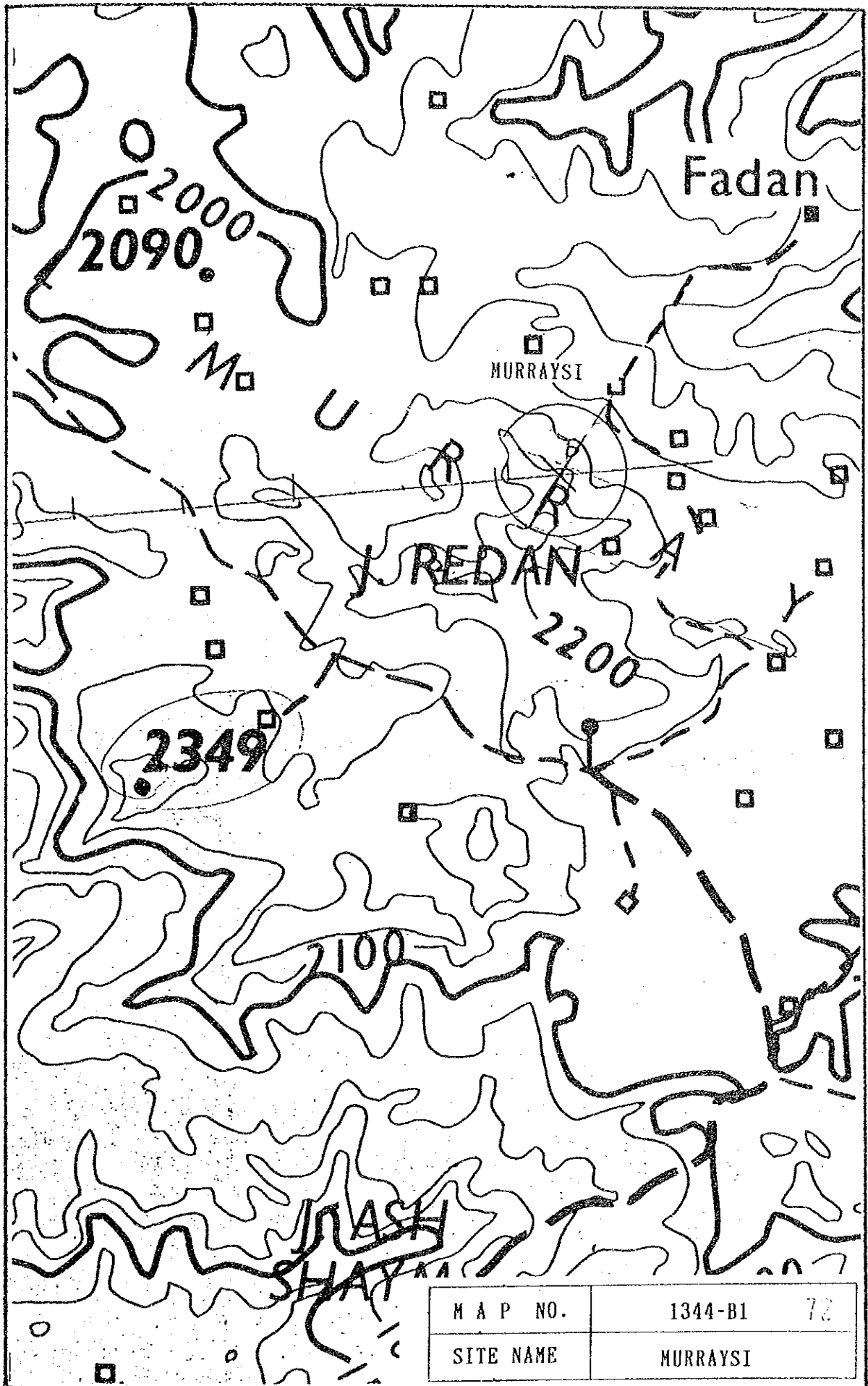




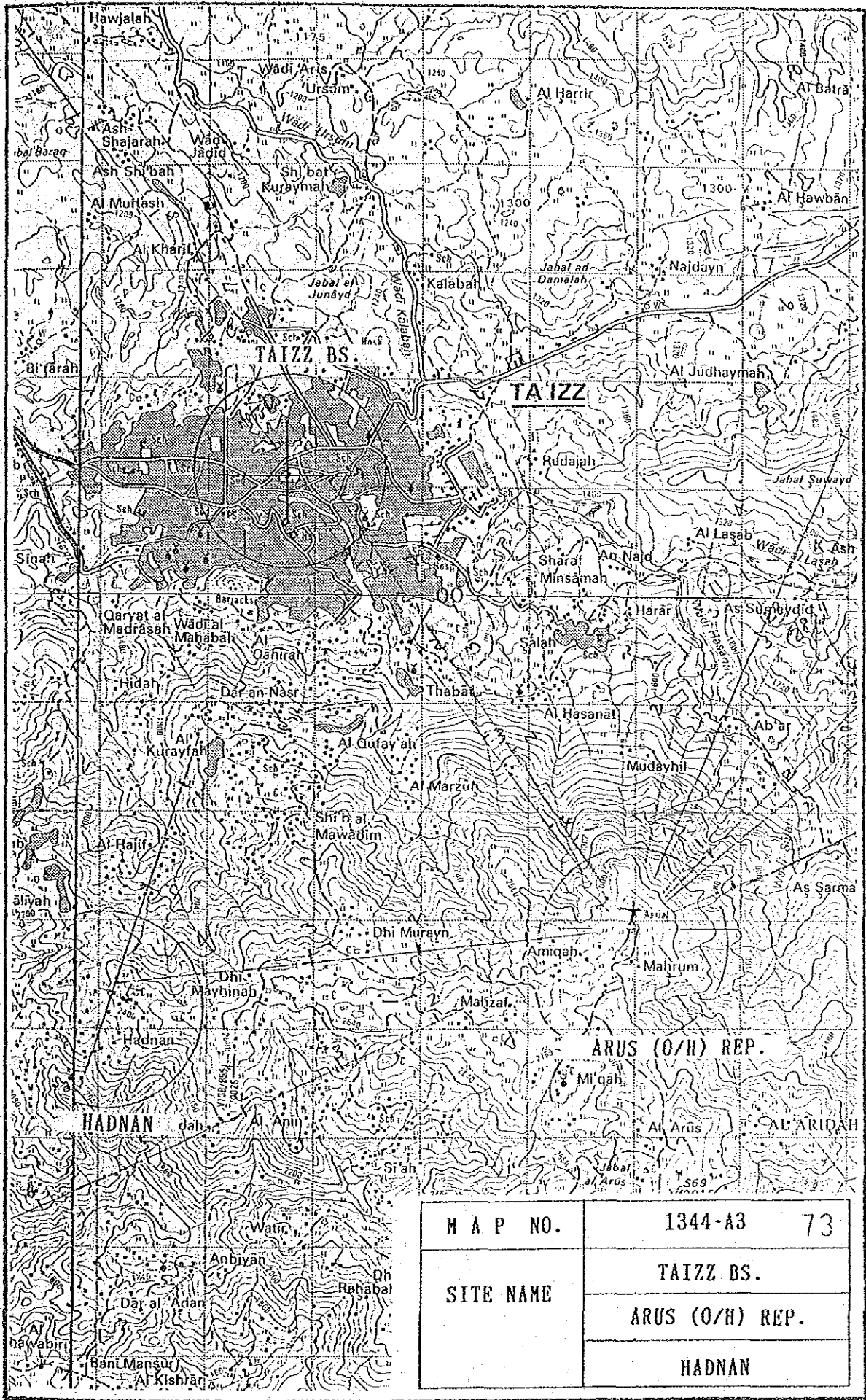
M A P NO.	1444-C4	70
SITE NAME	AL MISQAH	
	AL MAQALIH	



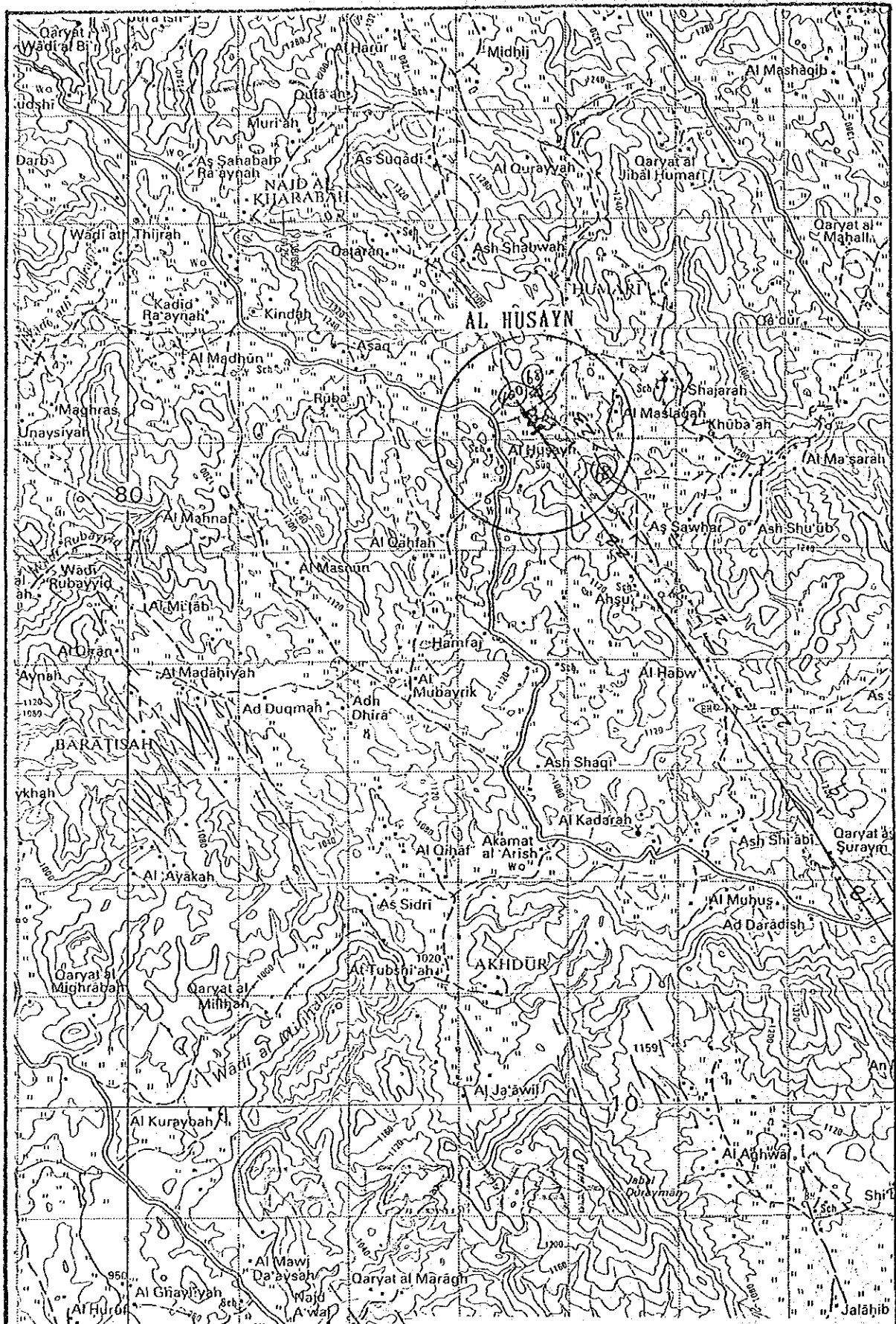
M A P NO.	1444-C4	71
SITE NAME	J. SUMARAH REP.	



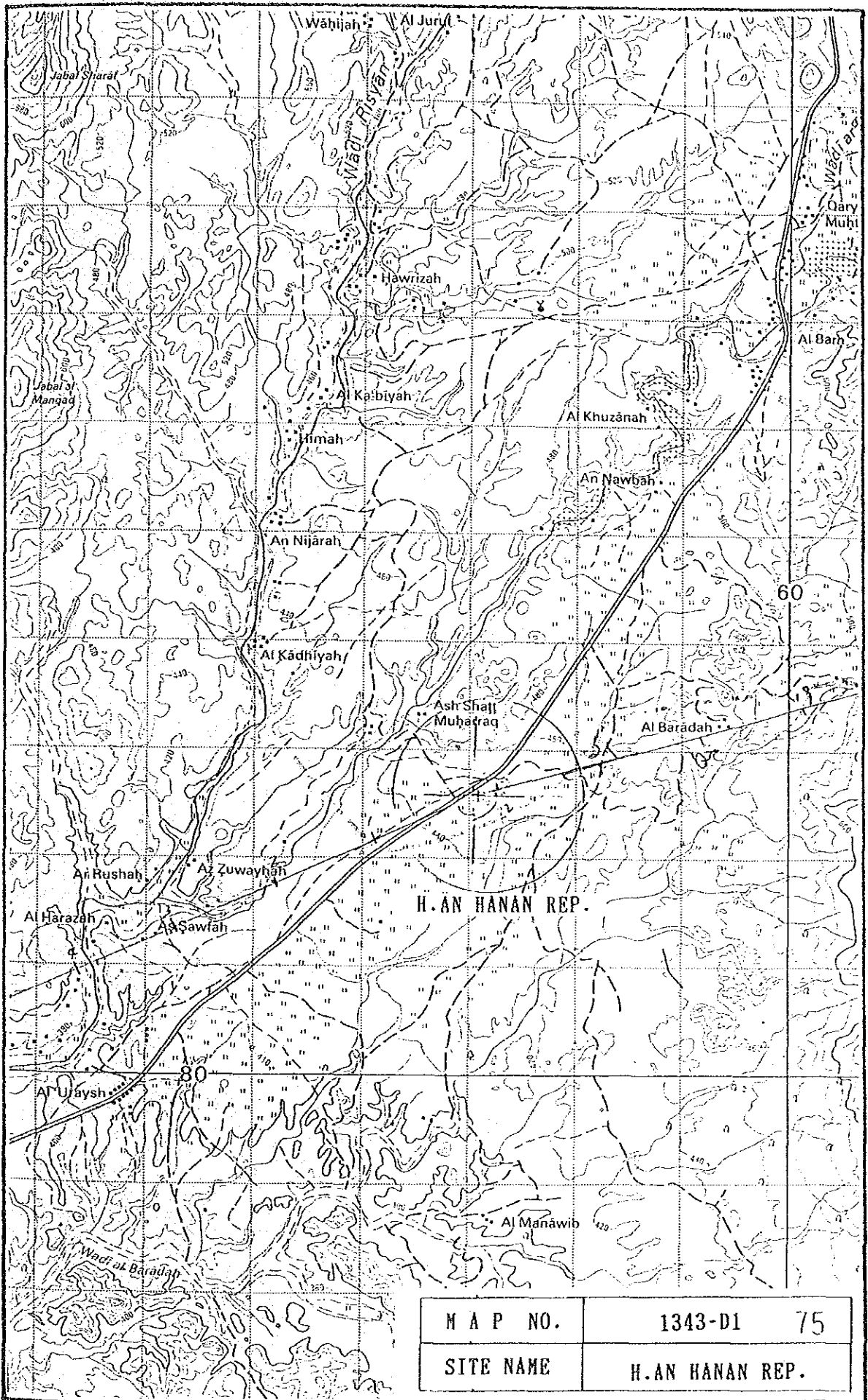
TAIZZ AREA



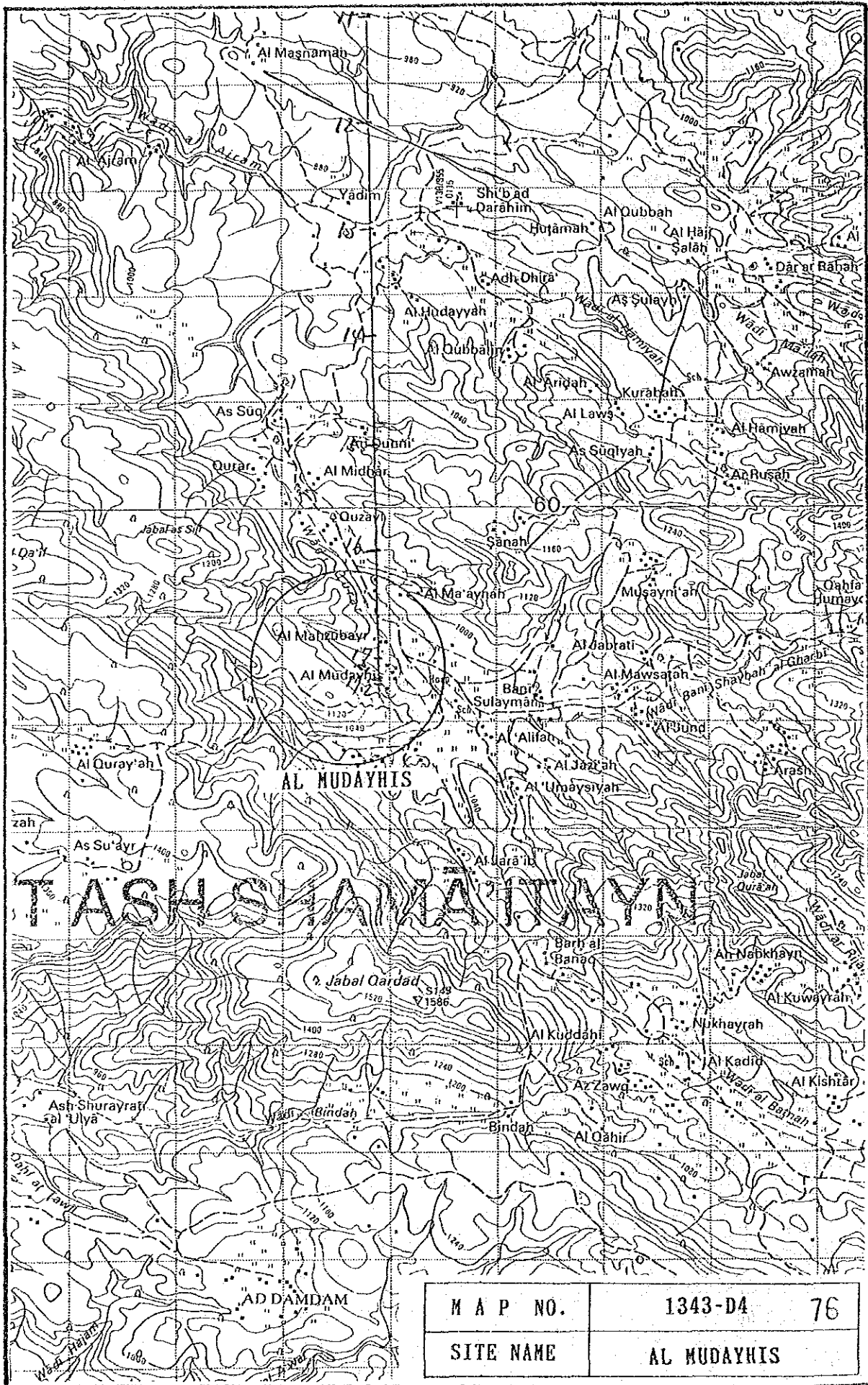
M A P NO.	1344-A3	73
SITE NAME	TA'IZZ BS.	
	ARUS (O/H) REP.	
	HADNAN	



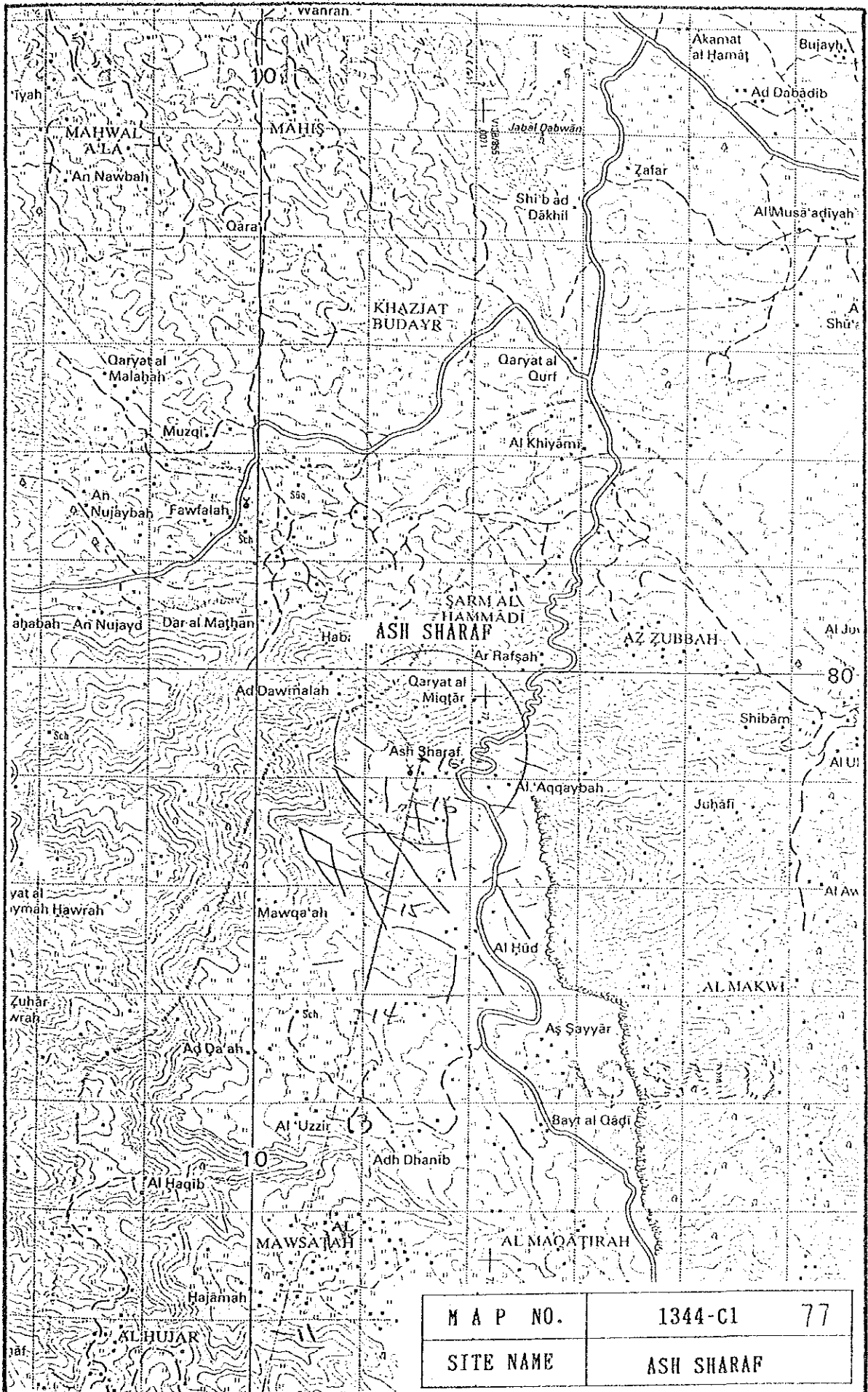
M A P NO.	1343-B4	74
SITE NAME	AL HUSAYN	



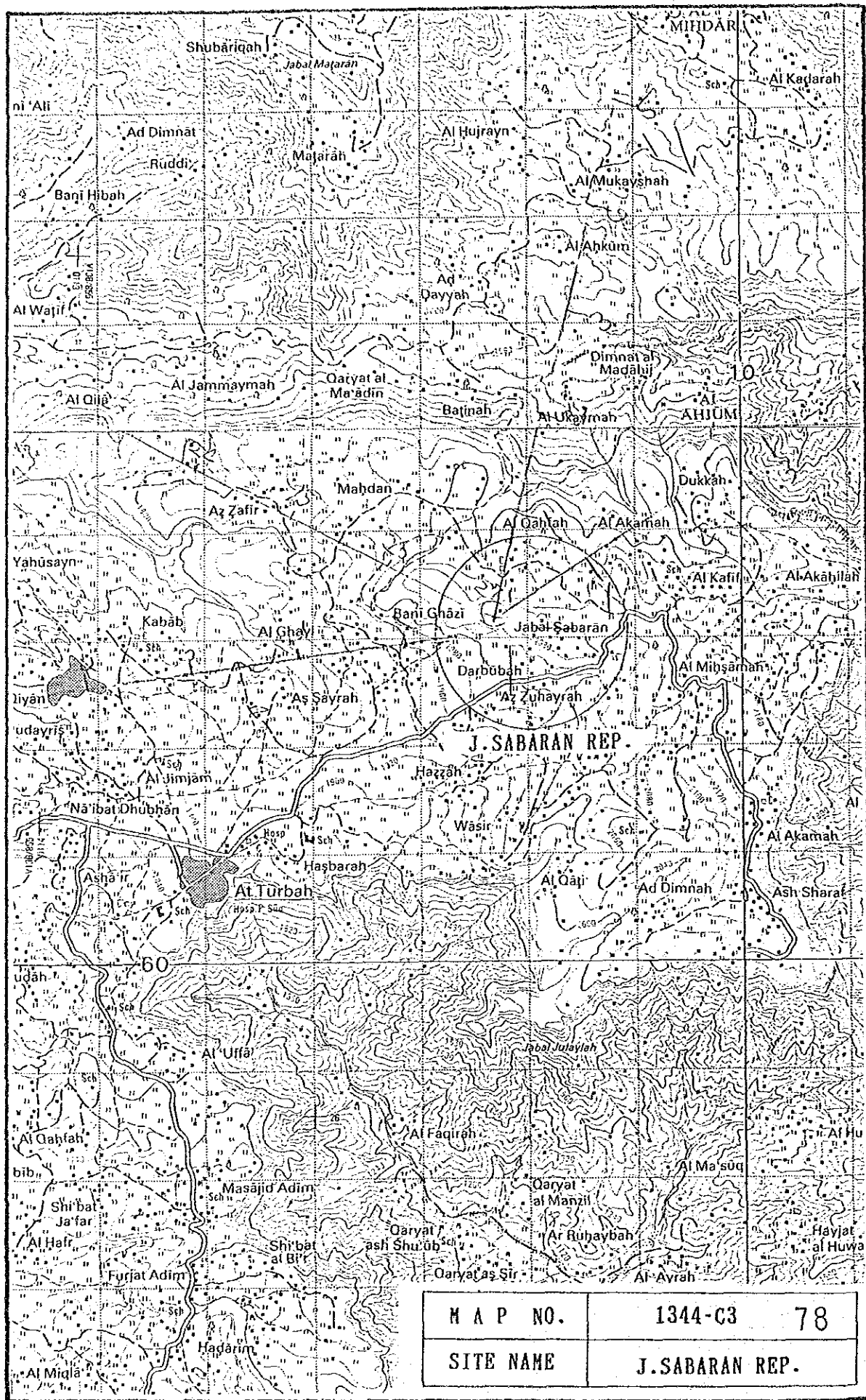
M A P NO.	1343-D1	75
SITE NAME	H. AN HANAN REP.	

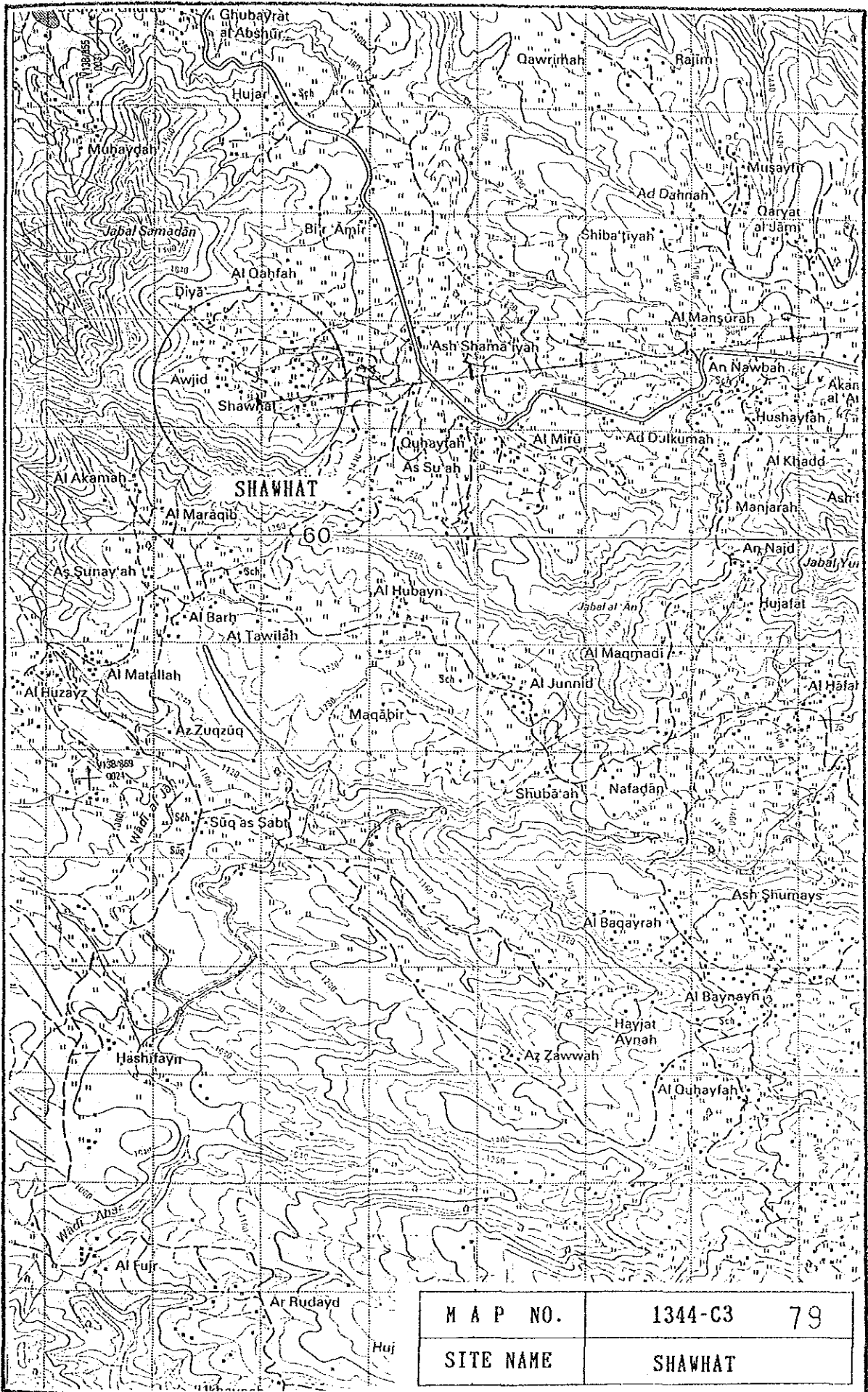


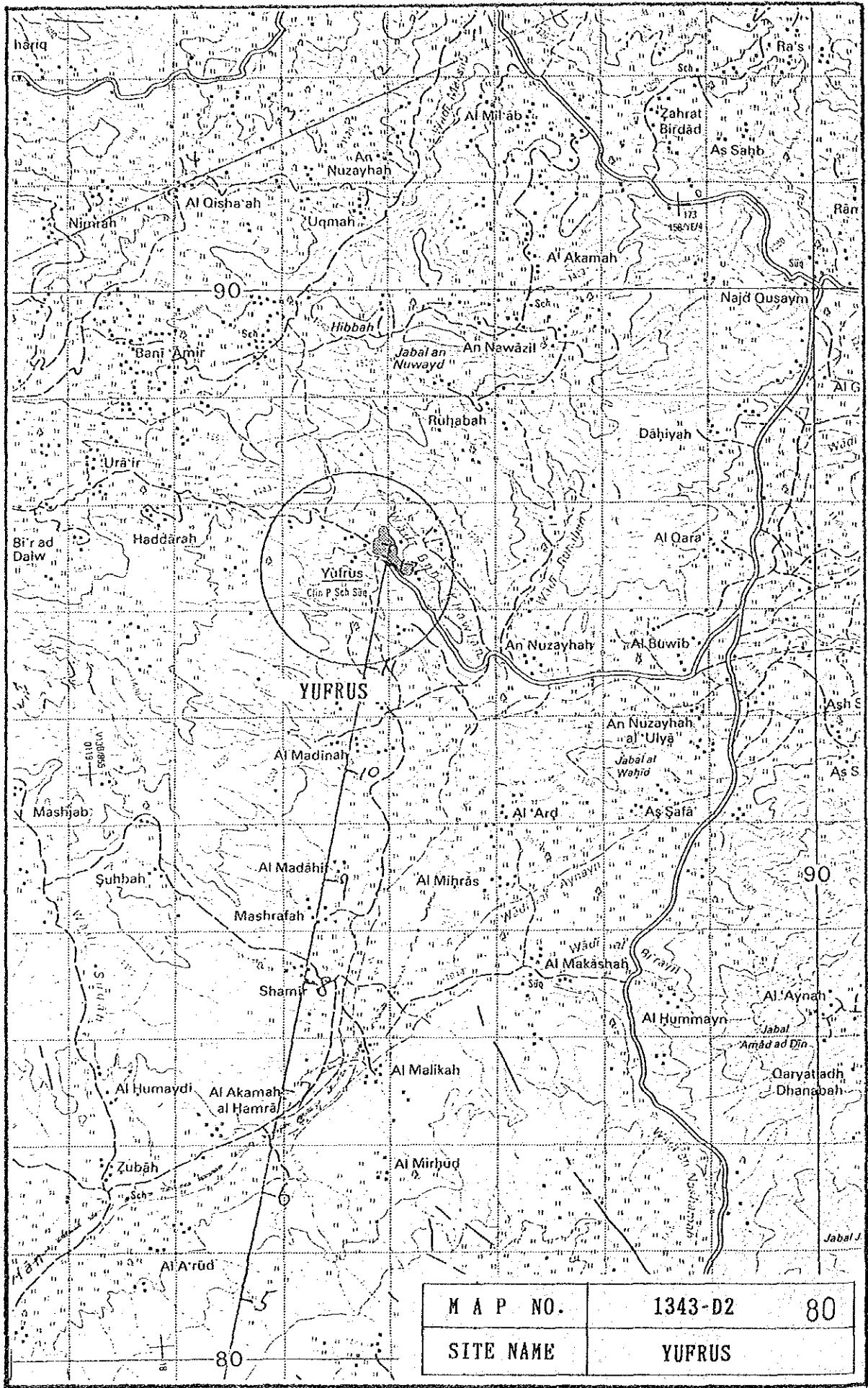
M A P NO.	1343-D4	76
SITE NAME	AL MUDAYHIS	



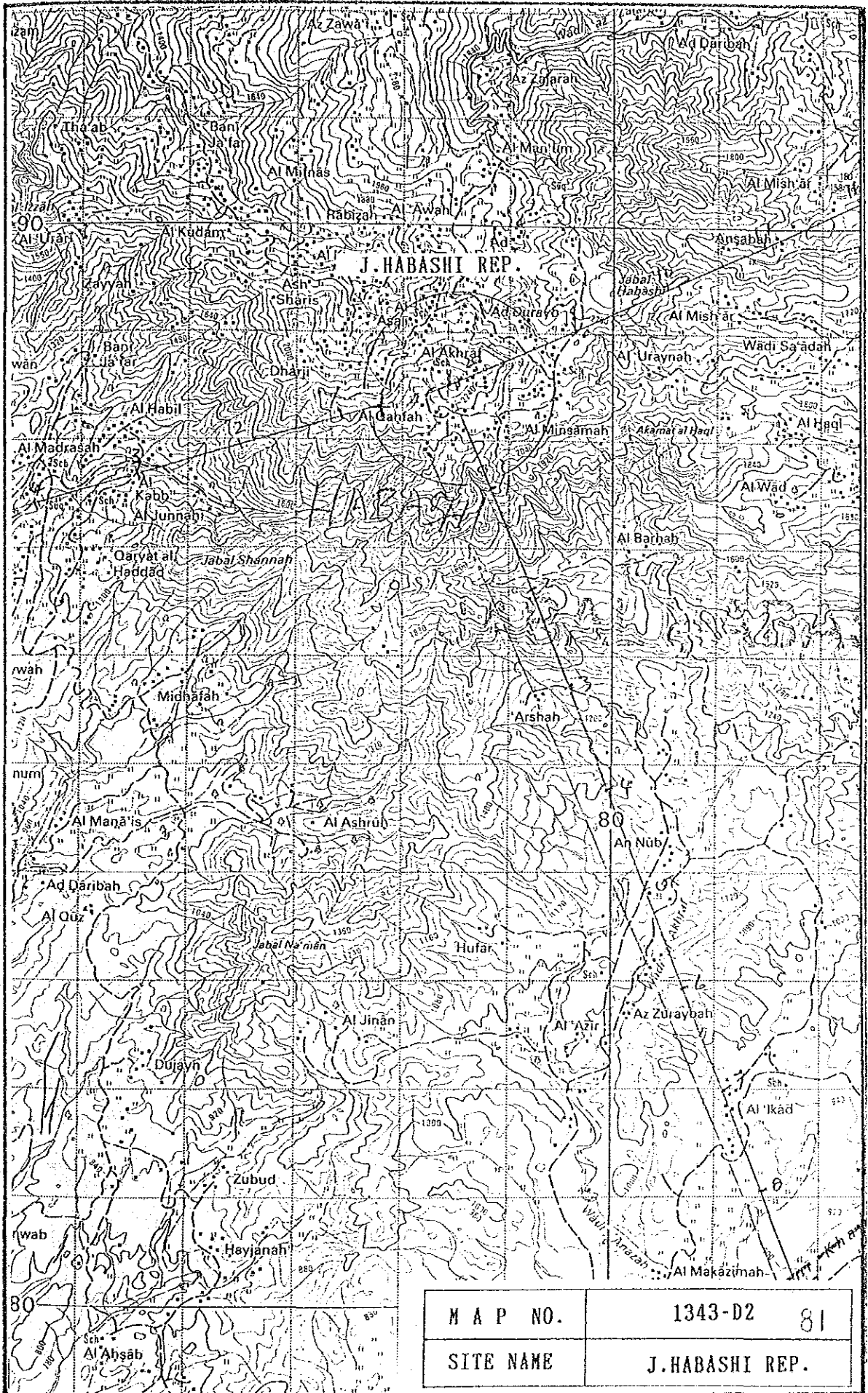
M A P N O.	1344-C1	77
S I T E N A M E	ASH SHARAF	



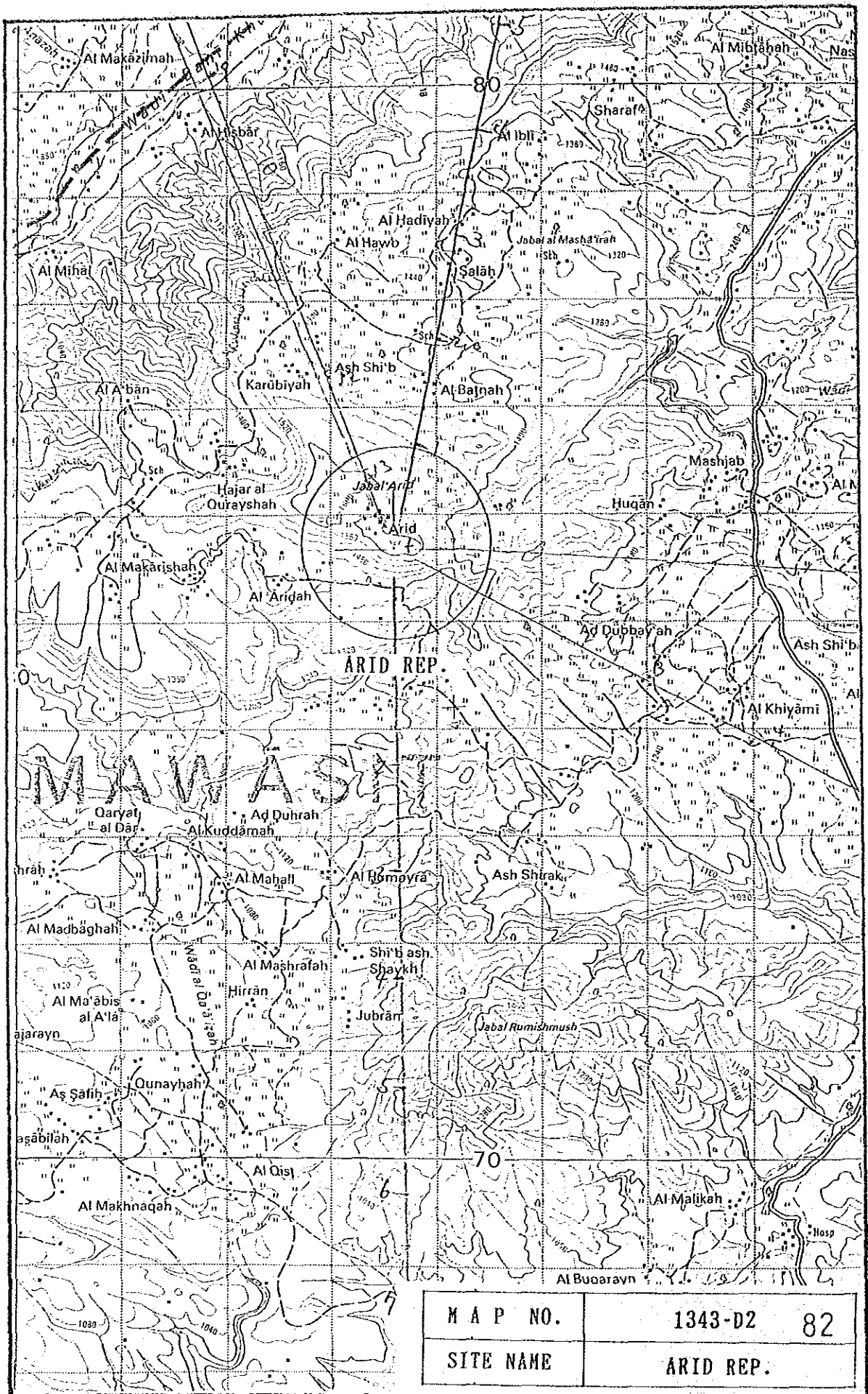


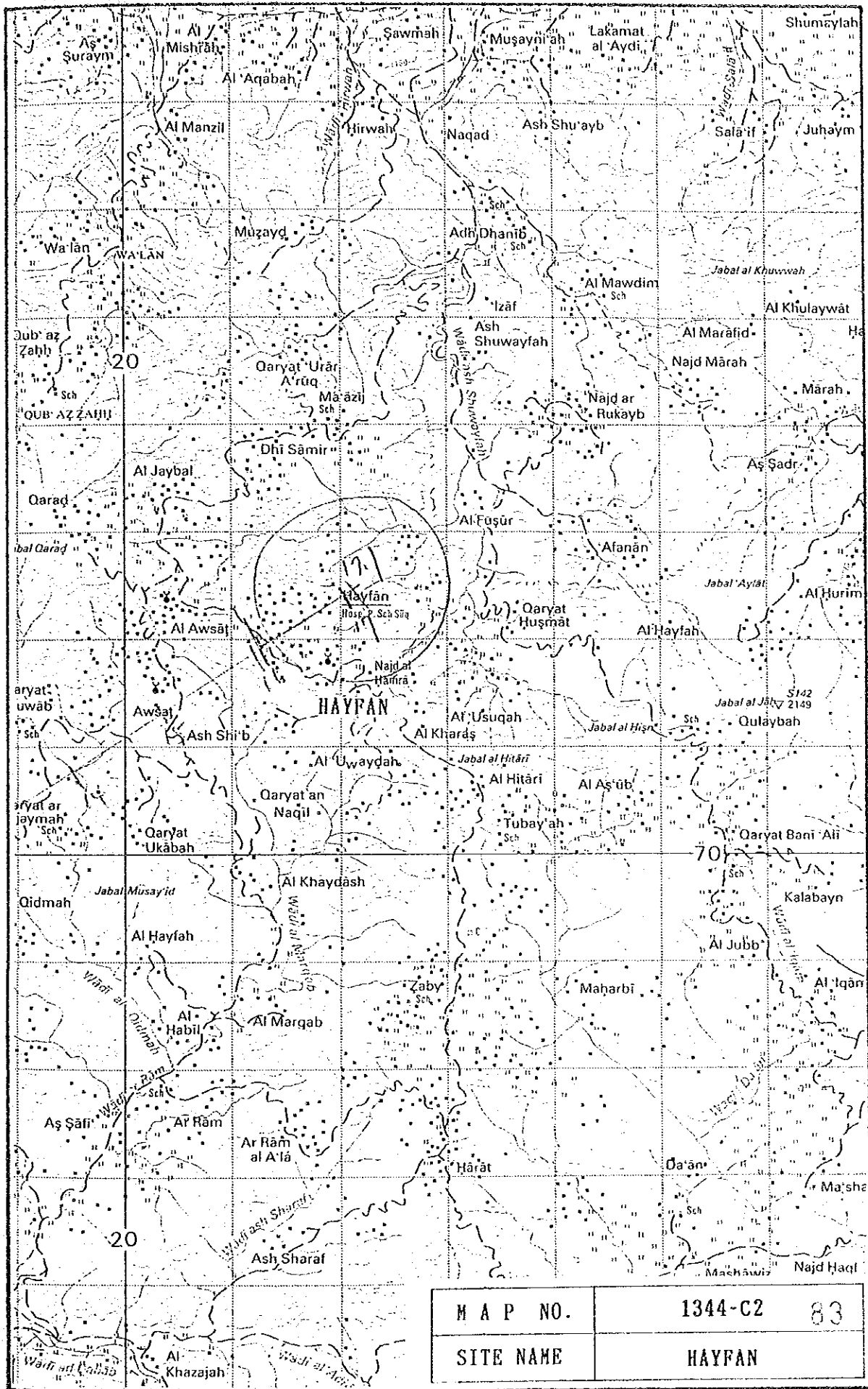


M A P NO.	1343-D2	80
SITE NAME	YUFRUS	

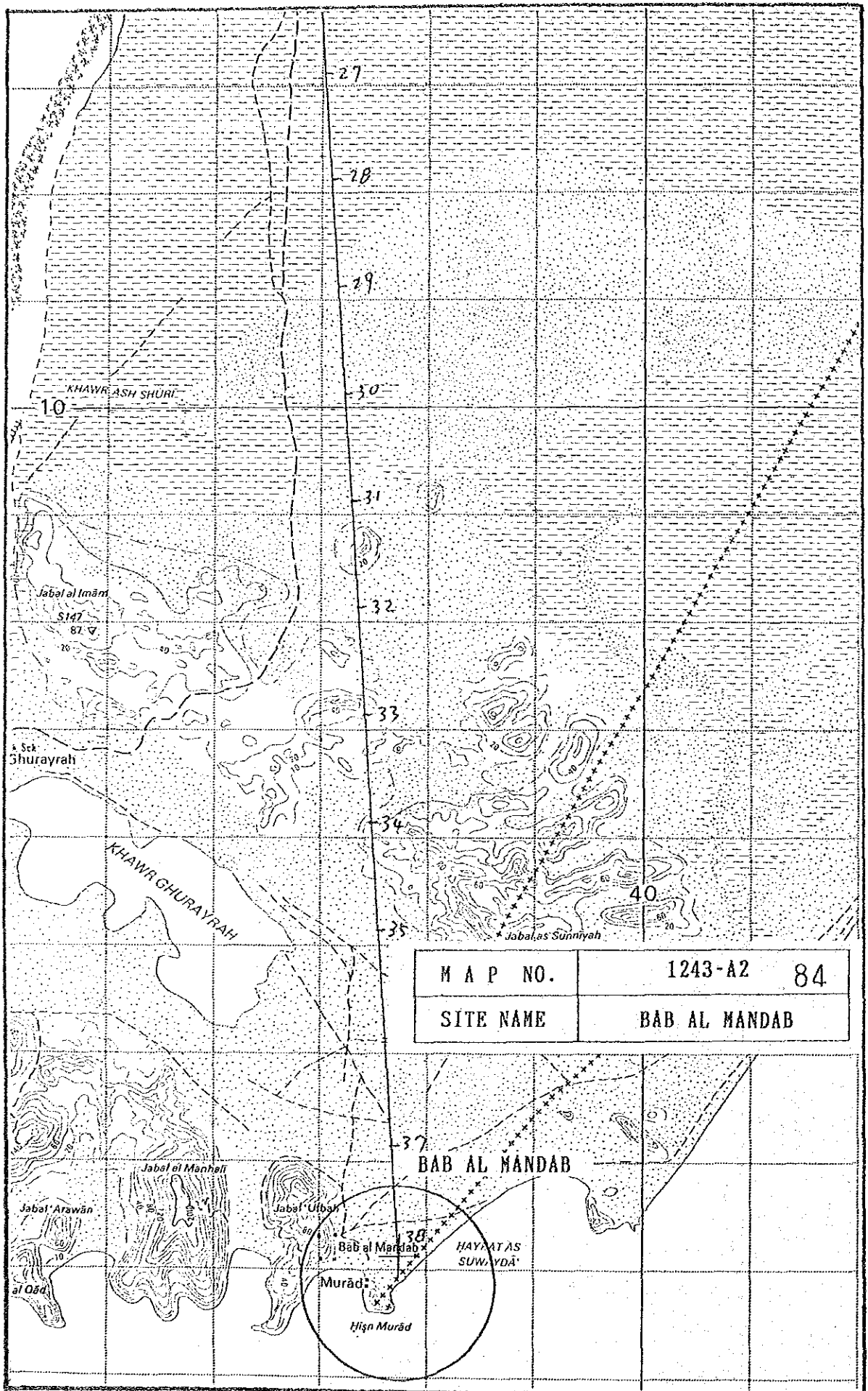


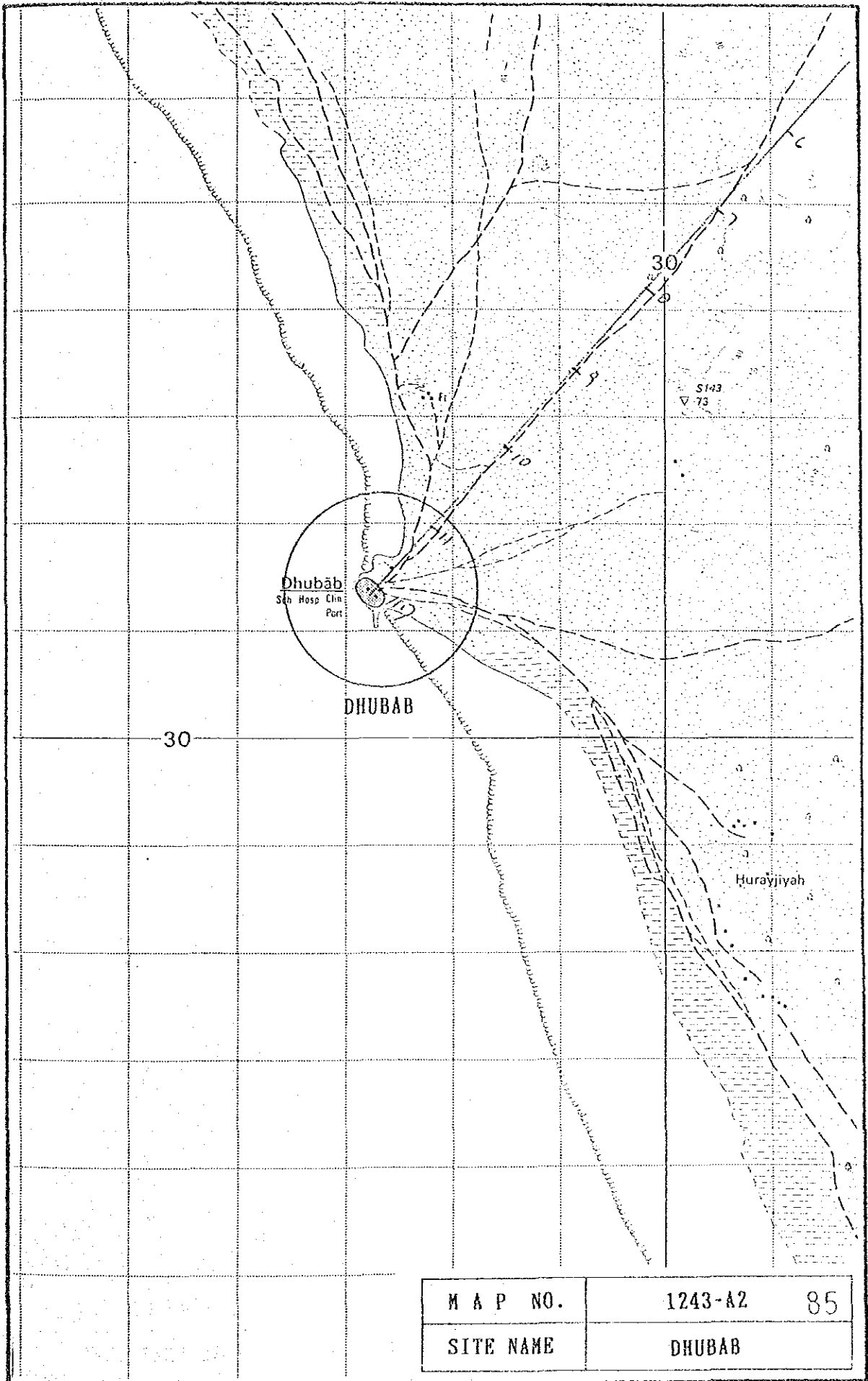
M A P NO.	1343-D2	81
SITE NAME	J. HABASHI REP.	

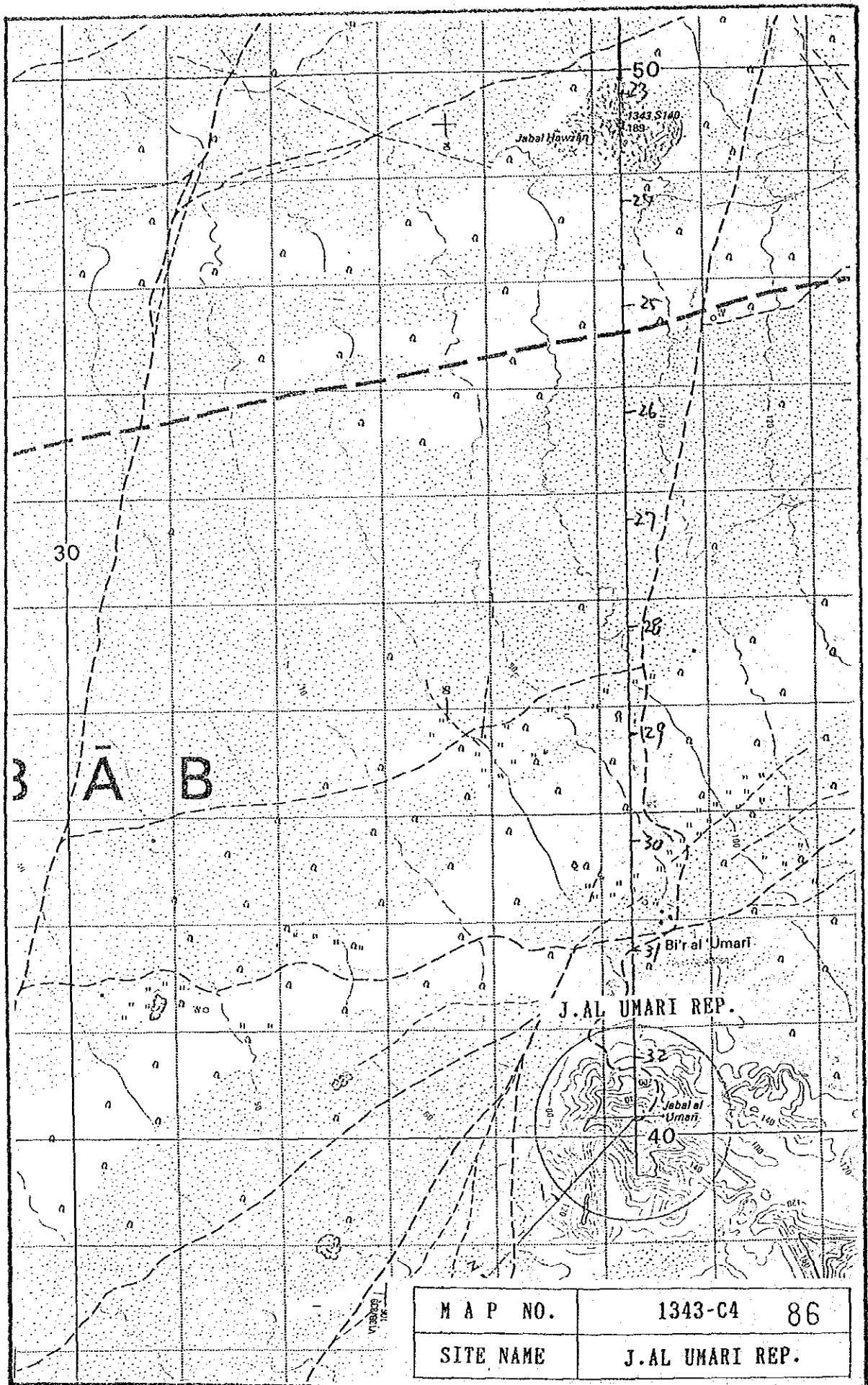


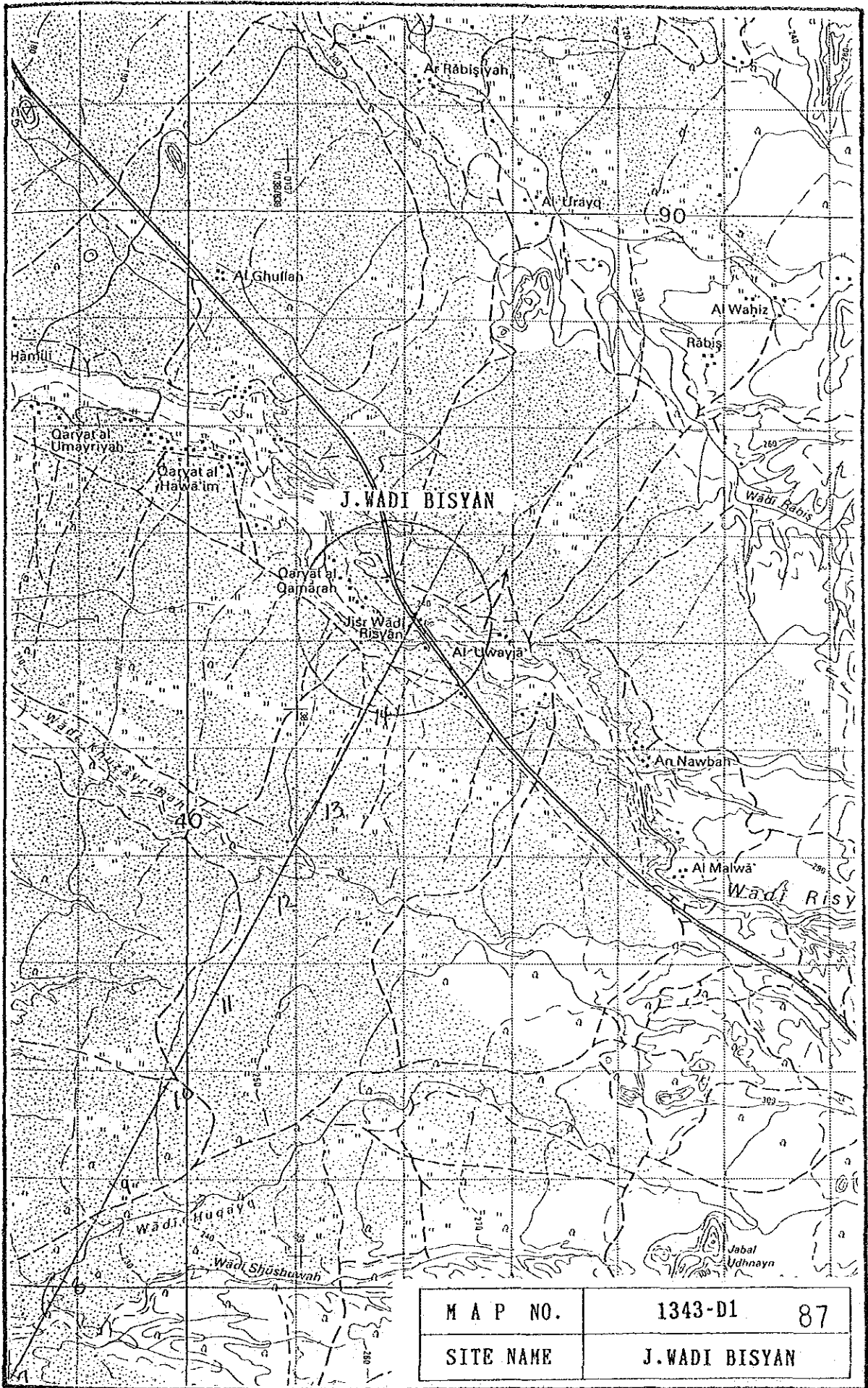


M A P NO.	1344-C2	83
SITE NAME	HAYFAN	

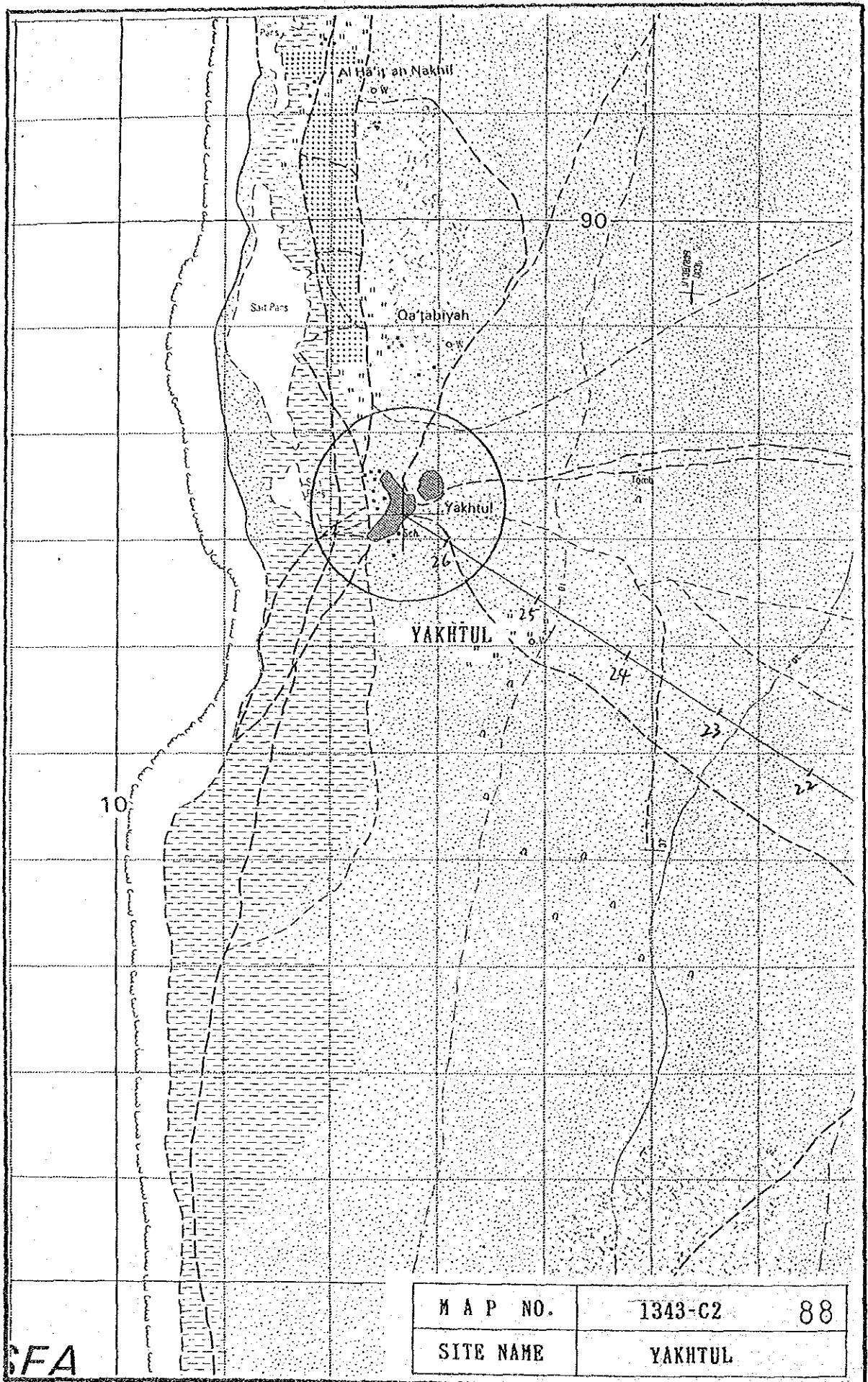




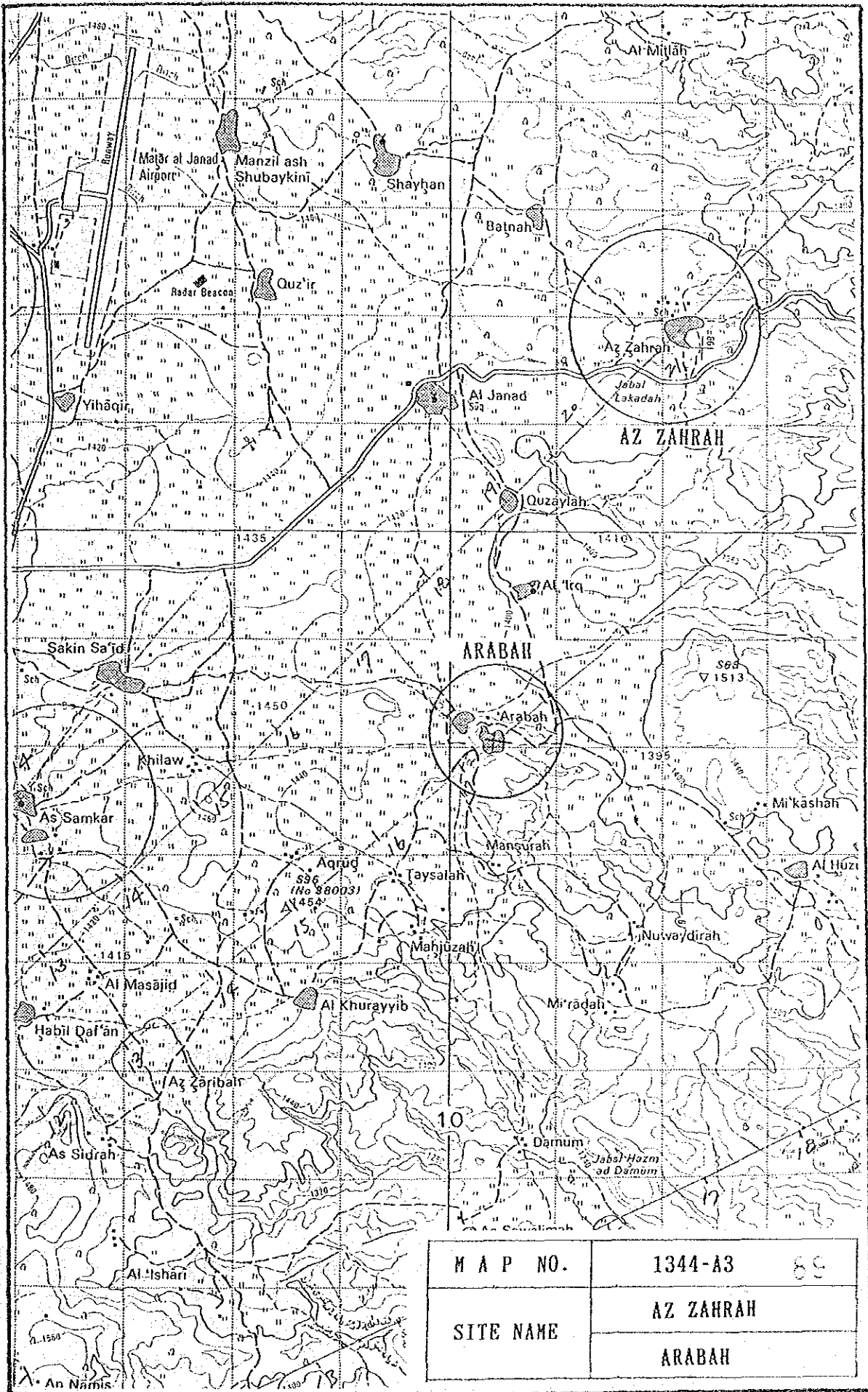


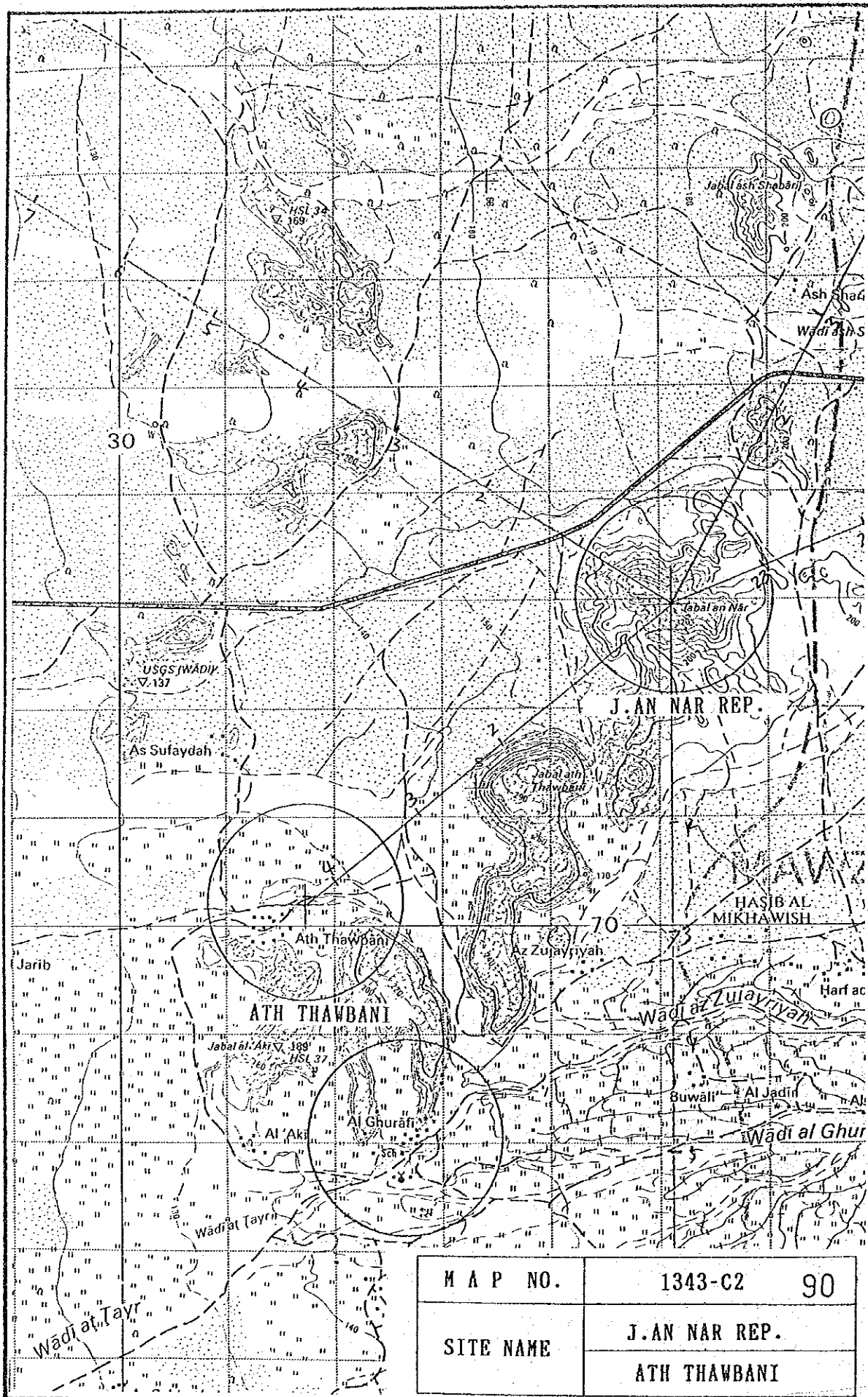


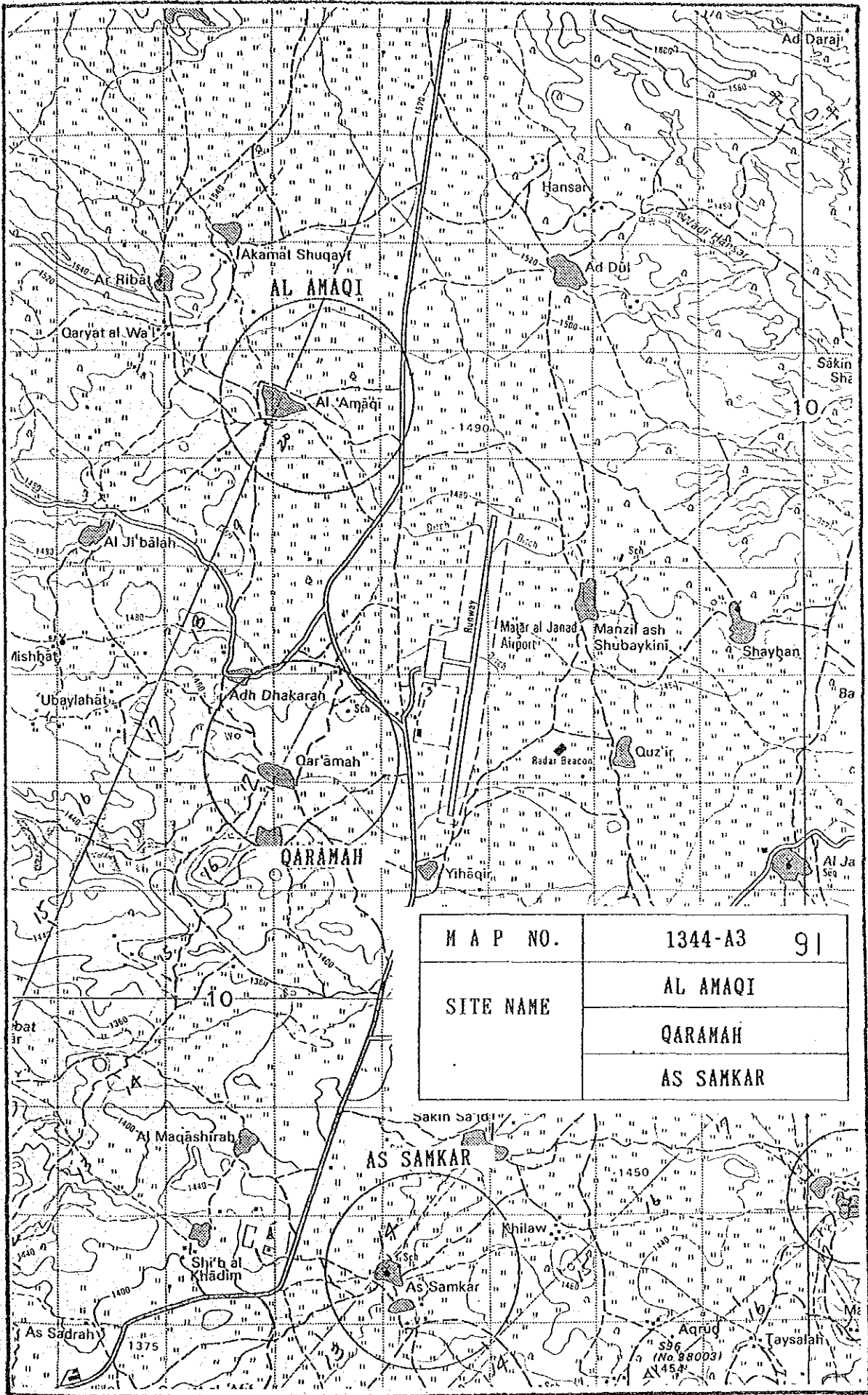
M A P NO.	1343-D1	87
SITE NAME	J. WADI BISYAN	

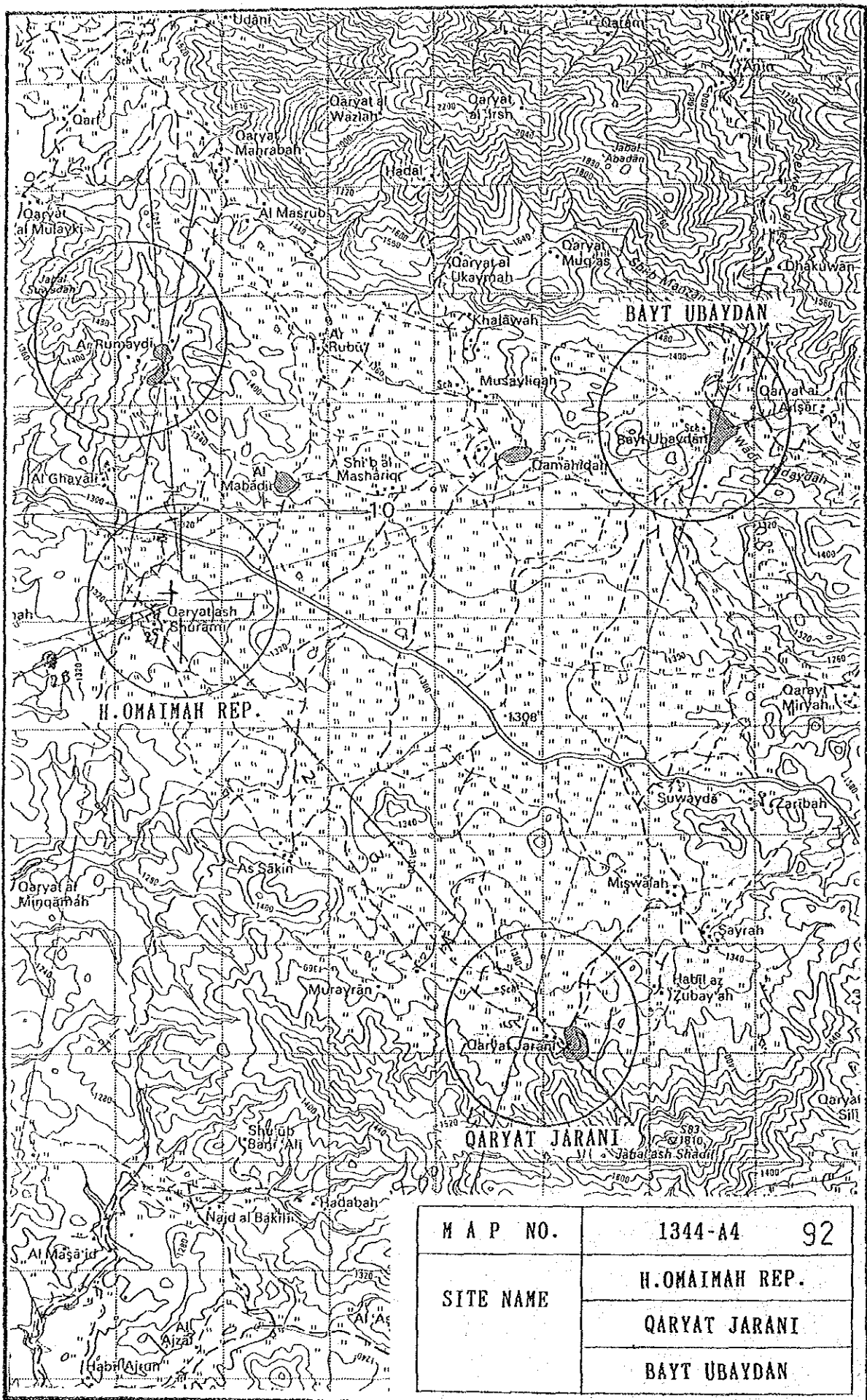


SFA

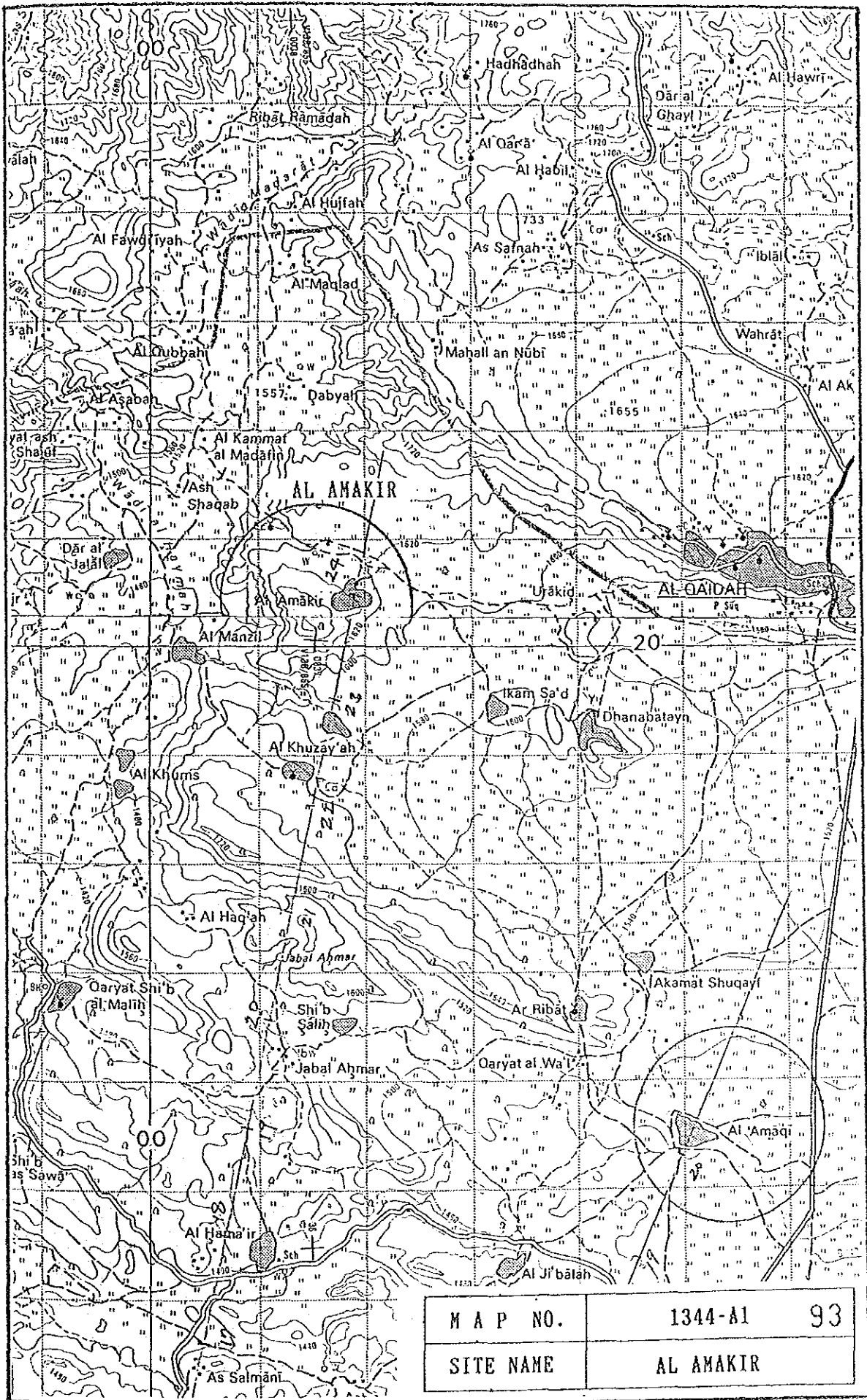








M A P NO.	1344-A4	92
SITE NAME	H. OMAIMAH REP.	
	QARYAT JARANI	
	BAYT UBAYDAN	



ANNEX 2-3
METOROLOGICAL DATA

METEOROLOGICAL DATA
(1979~1987)

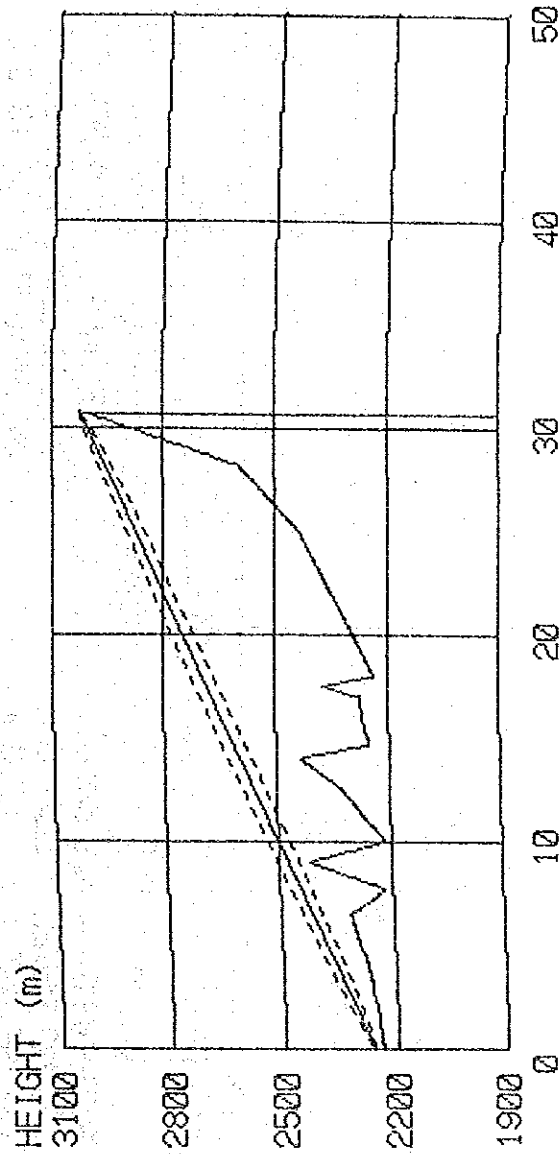
		Month												年間 平均	
		1	2	3	4	5	6	7	8	9	10	11	12		
SANA'A	Av. Solar Radiation	Cal/cm ²	380	473	474	556	545	568	471	457	550	514	483	471	495
	Av. Sunshine Duration	h	9.5	9.8	8.4	8.7	9.3	9.8	8.1	7.3	9.7	9.9	10.1	9.3	9.2
	Max. Wind Speed	Knot	22	22	20	45	13	22	20	26	22	16	20	20	22.4
	Av. Temperature	°C	14.4	16.4	17.6	18.9	20.5	22.4	22.4	21.9	20.2	16.5	14.1	13.4	18.2
	Av. Relative Humidity	%	47	47	55	50	44	36	41	52	36	38	43	42	44
	Av. Precipitation	mm	14.3	11.6	50.4	29.6	24.0	4.6	21.1	49.1	4.2	8.4	0.0	3.5	18.4
DHAMAR	Av. Solar Radiation	Cal/cm ²	317	439	365	467	472	511	462	441	-	-	-	-	434
	Av. Sunshine Duration	h	10.1	10.6	8.1	9.0	8.3	8.7	8.3	7.3	9.8	9.9	10.7	9.9	9.2
	Max. Wind Speed	Knot	-	-	-	-	-	-	-	-	-	-	-	-	-
	Av. Temperature	°C	11.1	13.5	14.9	16.0	18.5	20.7	21.1	19.1	18.0	15.9	12.1	12.6	16.1
	Av. Relative Humidity	%	47	40	64	55	49	44	50	59	44	40	37	42	48
	Av. Precipitation	mm	0.4	39.2	78.0	62.1	21.2	12.8	18.2	74.2	24.8	0.0	0.0	17.0	29.0
HUDAYDAH	Av. Solar Radiation	Cal/cm ²	421	435	500	509	513	448	396	408	406	438	452	415	445
	Av. Sunshine Duration	h	9.0	9.0	8.4	9.0	8.8	8.0	7.6	6.9	7.5	9.6	9.6	8.8	8.5
	Max. Wind Speed	Knot	20	26	24	22	40	20	16	16	16	18	24	22	22
	Av. Temperature	°C	25.8	26.5	28.4	29.4	32.4	32.6	34.1	33.8	33.3	31.4	28.0	26.2	30.2
	Av. Relative Humidity	%	75	76	75	74	71	73	70	67	68	68	68	73	72
	Av. Precipitation	mm	4.0	0.0	0.3	6.8	0.4	1.5	0.0	0.0	0.3	7.4	0.0	0.5	1.8
TAIZZ	Av. Solar Radiation	Cal/cm ²	416	458	476	509	508	482	401	421	441	481	437	391	452
	Av. Sunshine Duration	h	8.0	9.0	8.3	9.0	8.6	8.5	7.0	7.7	7.9	9.6	9.2	8.7	8.5
	Max. Wind Speed	Knot	24	18	24	24	45	50	34	30	23	22	20	18	27.7
	Av. Temperature	°C	18.7	19.7	21.4	22.5	24.8	25.1	25.1	24.4	21.1	21.1	20.0	18.1	22.2
	Av. Relative Humidity	%	62	61	64	62	55	52	55	58	55	55	54	65	58
	Av. Precipitation	mm	23.7	12.6	57.5	66.8	73.8	42.6	52.6	98.9	70.6	31.1	3.2	2.2	44.6

ANNEX 3-1

RADIO TRANSMISSION PATH PROFILE

PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)

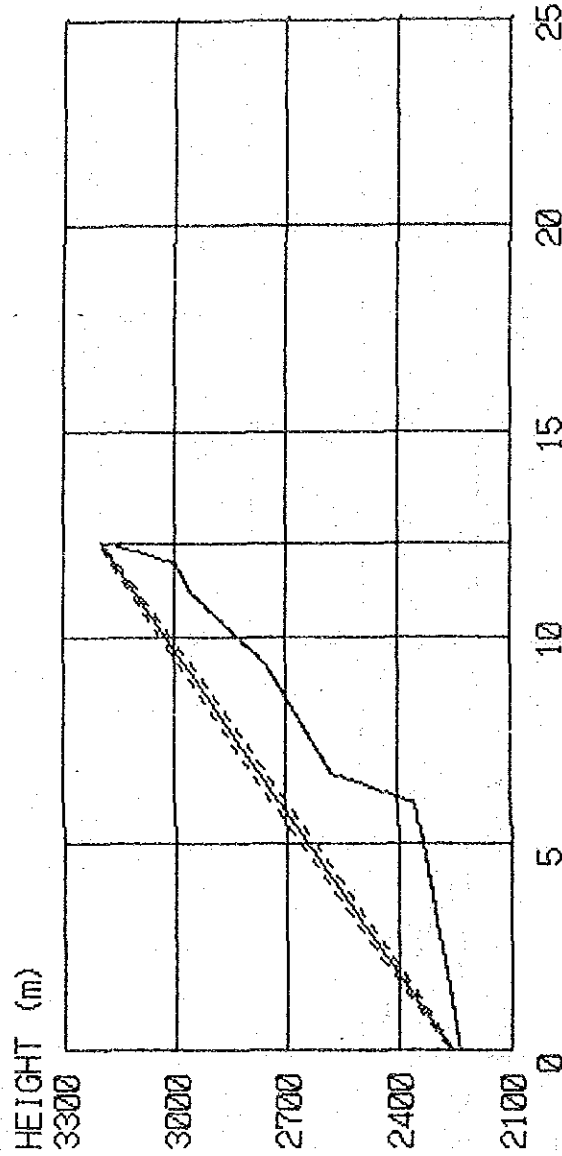


SITE NAME : SANA'A	DISTANCE : 30.7 km
GROUND LEVEL : 2242.0 m	SITE NAME : DAYN
ANT.HEIGHT 1 : 20.0 m	GROUND LEVEL : 3010.0 m
	ANT.HEIGHT 2 : 10.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 9.0 Km	RIDGE HEIGHT : 2425.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 28.2 m
CLEARANCE : 47.7 m	CLEARANCE FAC. : 1.7
FREE SPACE LOSS : 129.8 dB	RIDGE LOSS : -0.7 dB
TOTAL LOSS : 129.1 dB	

PROFILE No.	1
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)

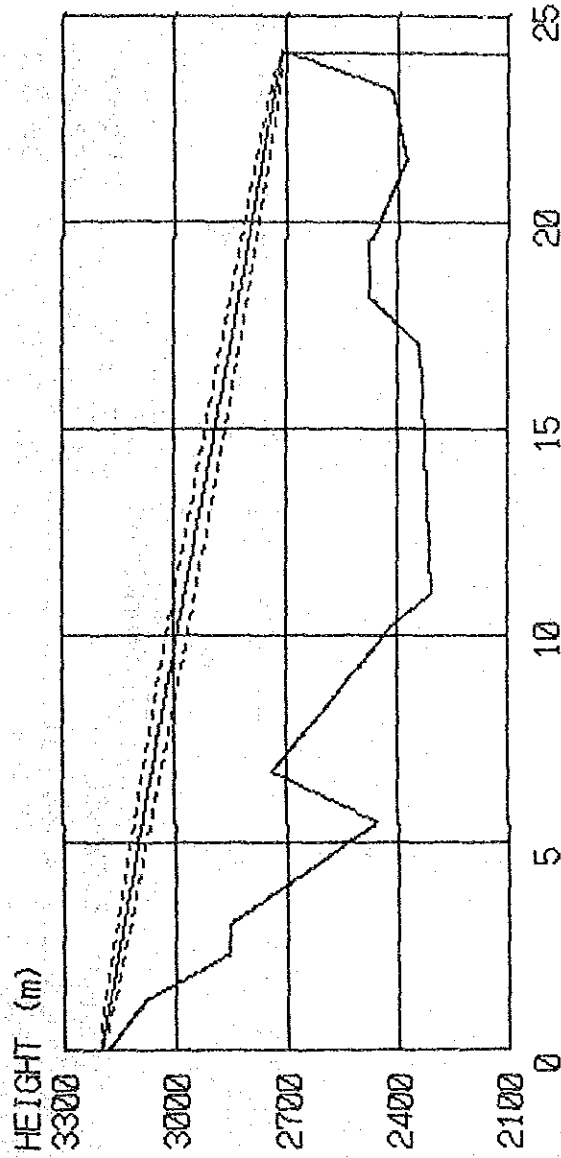


SITE NAME : SANA'A GROUND LEVEL : 2242.0 m ANT.HEIGHT 1 : 20.0 m	DISTANCE : 12.3 km SITE NAME : AYBAN GROUND LEVEL : 3186.0 m ANT.HEIGHT 2 : 10.0 m
ANT.HEIGHT 1 : 20.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 6.7 Km	RIDGE HEIGHT : 2580.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 19.5 m
CLEARANCE : 188.6 m	CLEARANCE FAC. : 9.7
FREE SPACE LOSS : 121.9 dB	RIDGE LOSS : -0.0 dB
TOTAL LOSS : 121.9 dB	

PROFILE No.	2
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



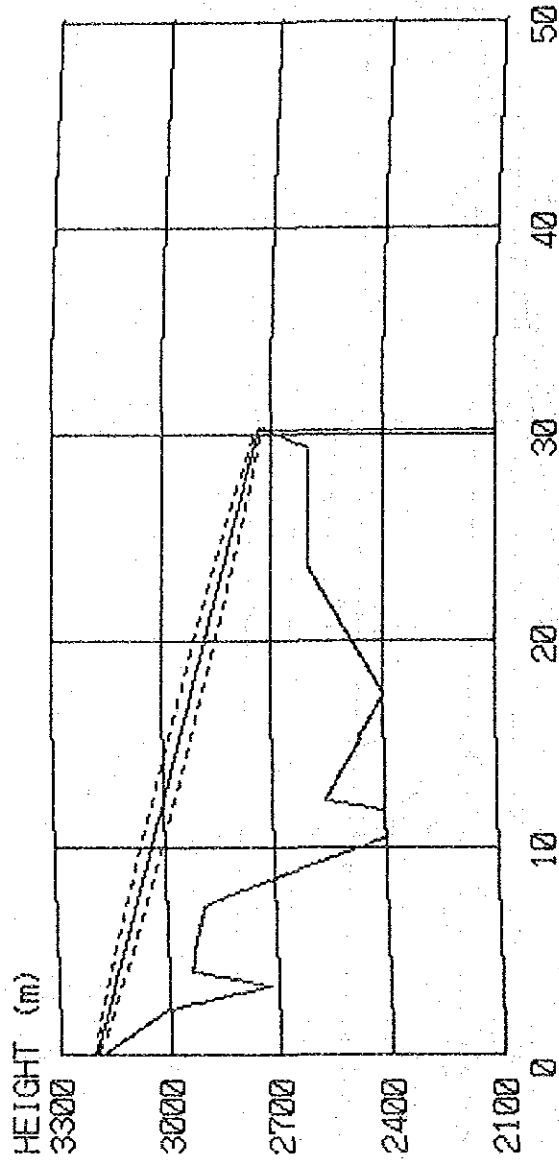
SITE NAME : AYBAN DISTANCE : 24.1 km
 GROUND LEVEL : 3186.0 m SITE NAME : J. HARMAH
 ANT. HEIGHT 1 : 15.0 m GROUND LEVEL : 2700.0 m
 ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 15.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 1.2 Km	RIDGE HEIGHT	: 3080.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 11.9 m
CLEARANCE	: 94.9 m	CLEARANCE FAC.	: 8.0
FREE SPACE LOSS	: 127.7 dB	RIDGE LOSS	: -0.0 dB
TOTAL LOSS	: 127.7 dB		

PROFILE No.	3
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



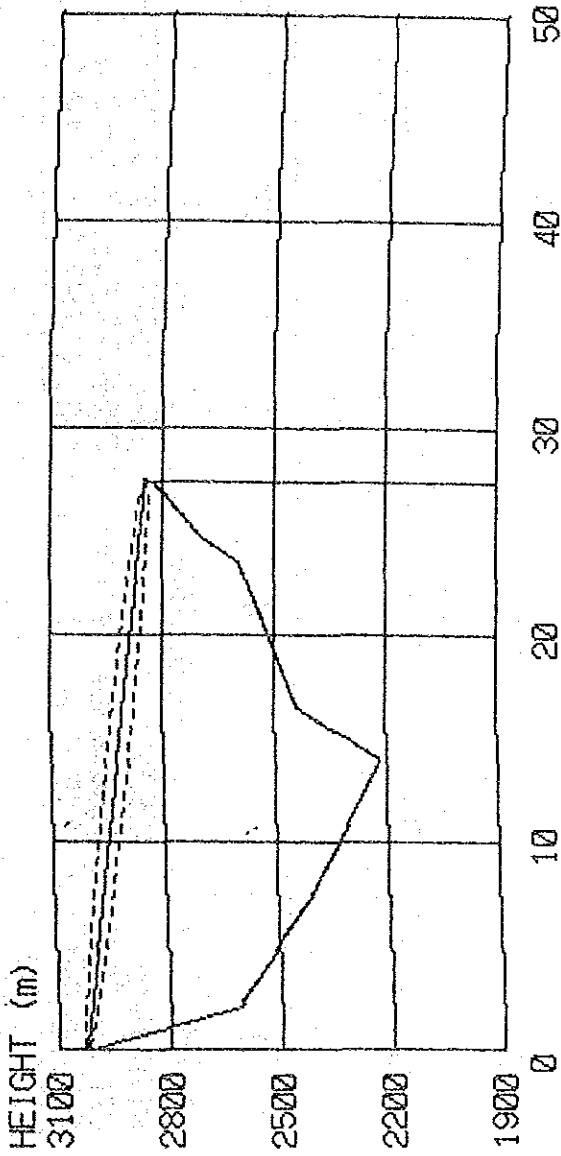
SITE NAME : AYBAN DISTANCE : 30.3 km SITE NAME : J.KAMAN
 GROUND LEVEL : 3186.0 m GROUND LEVEL : 2720.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 7.2 Km	RIDGE HEIGHT : 2900.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 26.2 m
CLEARANCE : 179.3 m	CLEARANCE FAC. : 6.8
FREE SPACE LOSS : 129.7 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 129.5 dB	

PROFILE No.	4
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 27.4 km
 SITE NAME : J. IYAL YAZID
 GROUND LEVEL : 2830.0 m
 ANT.HEIGHT 2 : 10.0 m

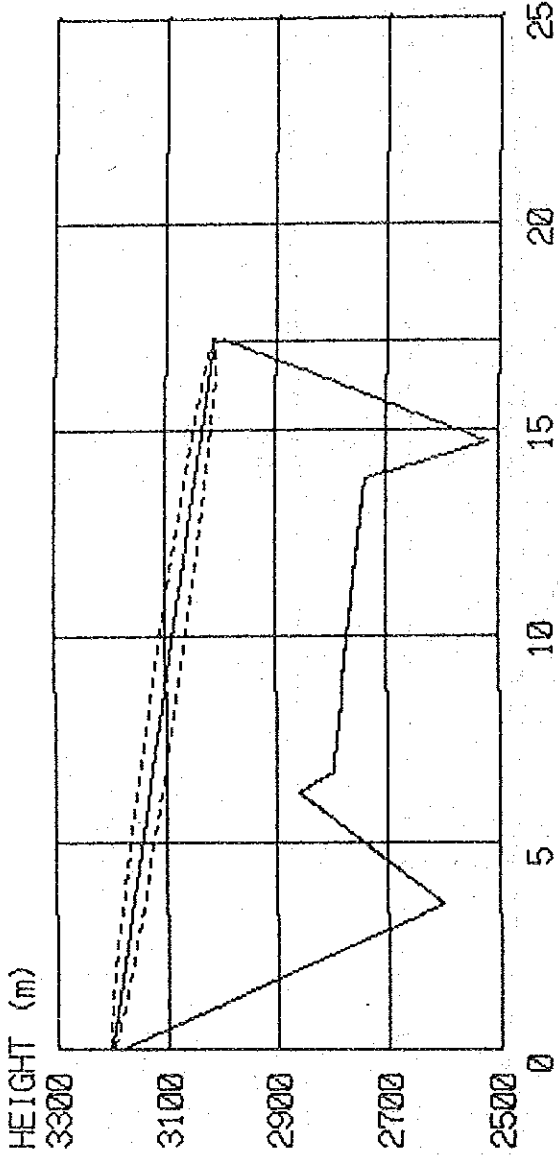
SITE NAME : DAYN
 GROUND LEVEL : 3010.0 m
 ANT.HEIGHT 1 : 15.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	26.8 Km	:	RIDGE HEIGHT	:	2800.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	8.6 m
CLEARANCE	:	43.1 m	:	CLEARANCE FAC.	:	5.0
FREE SPACE LOSS	:	128.8 dB	:	RIDGE LOSS	:	0.1 dB
TOTAL LOSS	:	128.9 dB	:		:	

PROFILE No.	5
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



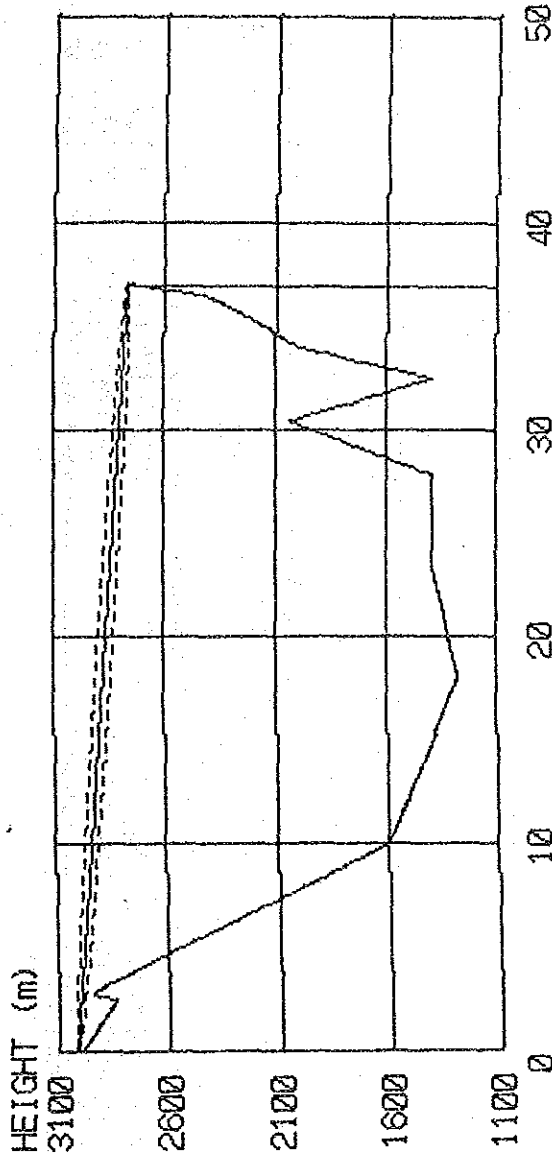
DISTANCE : 17.2 km
 SITE NAME : J. QUYFAN
 GROUND LEVEL : 3000.0 m
 ANT.HEIGHT 1 : 15.0 m
 ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	:	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	6.2 Km	:	RIDGE HEIGHT	:	2860.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	22.3 m
CLEARANCE	:	268.1 m	:	CLEARANCE FAC.	:	12.0
FREE SPACE LOSS	:	124.8 dB	:	RIDGE LOSS	:	-0.1 dB
TOTAL LOSS	:	124.7 dB	:		:	

PROFILE No.	6
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 37 km

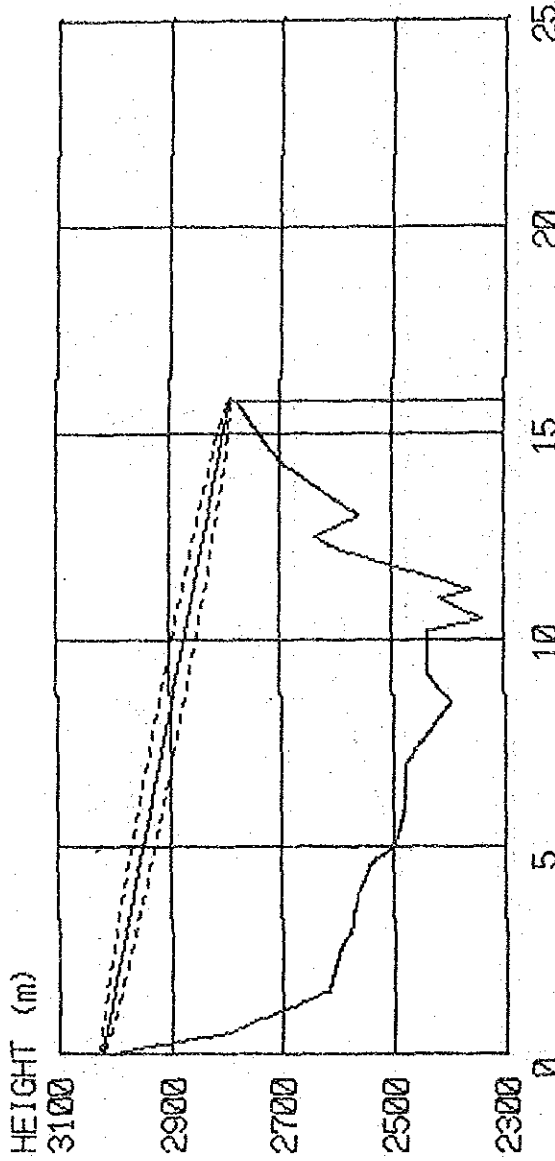
SITE NAME : J. GUYFAN SITE NAME : MASAR
 GROUND LEVEL : 3000.0 m GROUND LEVEL : 2750.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 2.7 Km	RIDGE HEIGHT	: 2950.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 17.7 m
CLEARANCE	: 40.9 m	CLEARANCE FAC.	: 2.3
FREE SPACE LOSS	: 131.4 dB	RIDGE LOSS	: 0.2 dB
TOTAL LOSS	: 131.6 dB		

PROFILE No.	7
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



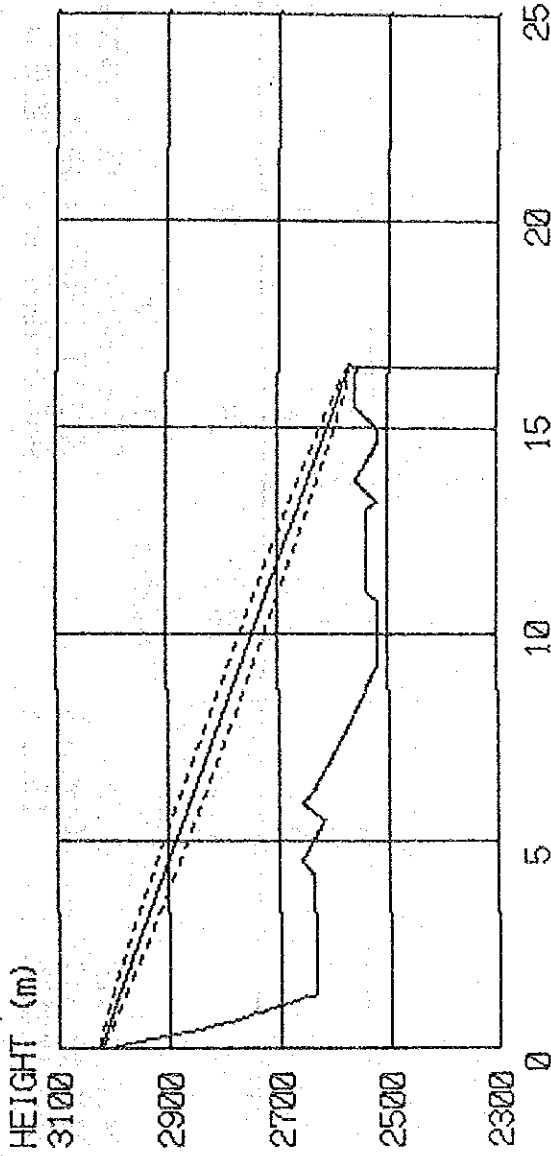
DISTANCE : 15.8 km
 SITE NAME : THILA
 GROUND LEVEL : 2780.0 m
 ANT.HEIGHT 1 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 14.3 Km	RIDGE HEIGHT	: 2700.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 13.0 m
CLEARANCE	: 111.0 m	CLEARANCE FAC.	: 8.5
FREE SPACE LOSS	: 124.0 dB	RIDGE LOSS	: -0.2 dB
TOTAL LOSS	: 123.9 dB		

PROFILE No.	8
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 16.5 km

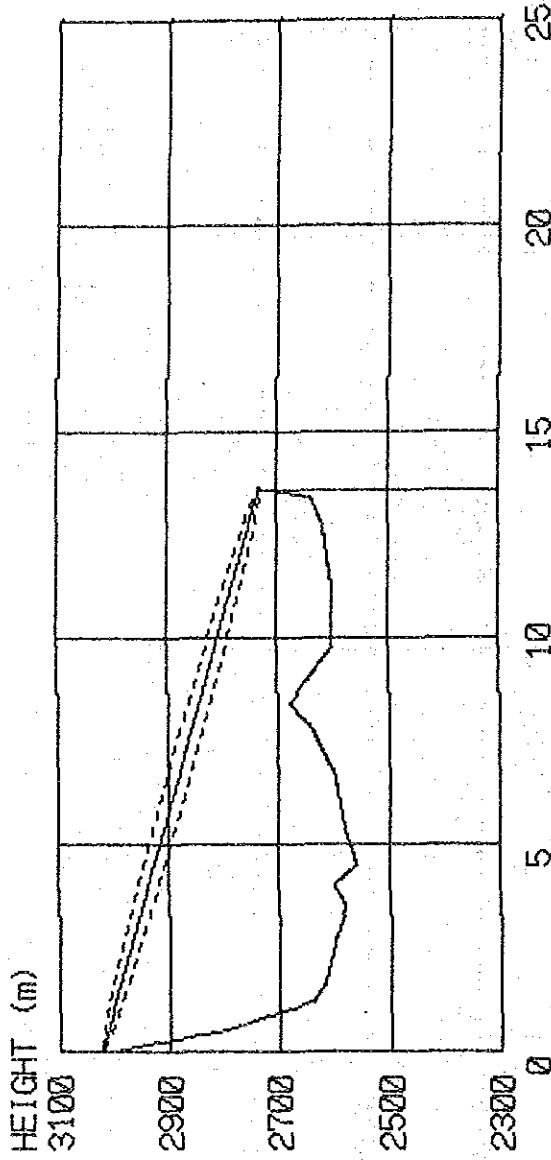
SITE NAME : DAYN	SITE NAME : KHALAGAH
GROUND LEVEL : 3010.0 m	GROUND LEVEL : 2560.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT. HEIGHT 1 : 15.0 m	ANT. HEIGHT 2 : 10.0 m
CRITICAL POINT : 15.5 Km	RIDGE HEIGHT : 2560.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 10.8 m
CLEARANCE : 36.7 m	CLEARANCE FAC. : 3.4
FREE SPACE LOSS : 124.4 dB	RIDGE LOSS : 0.2 dB
TOTAL LOSS : 124.6 dB	

PROFILE No.	9
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



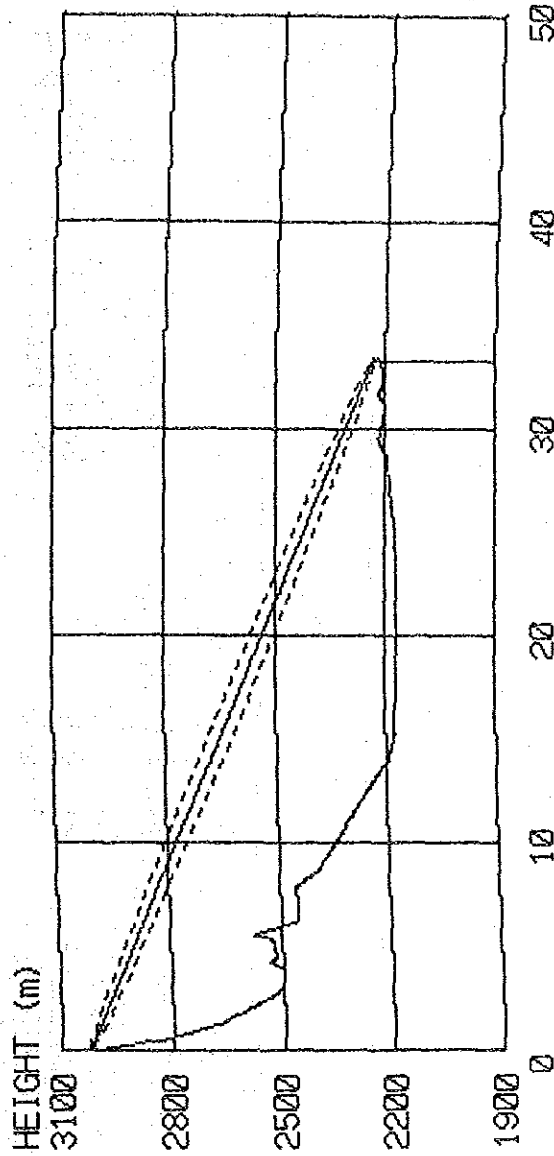
SITE NAME : DAYN DISTANCE : 13.6 km SITE NAME : AL MUNAGGAB
 GROUND LEVEL : 3010.0 m GROUND LEVEL : 2720.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	8.4 Km	:	RIDGE HEIGHT	:	2680.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	20.0 m
CLEARANCE	:	160.2 m	:	CLEARANCE FAC.	:	8.0
FREE SPACE LOSS	:	122.7 dB	:	RIDGE LOSS	:	0.1 dB
TOTAL LOSS	:	122.9 dB	:		:	

PROFILE No.	10
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



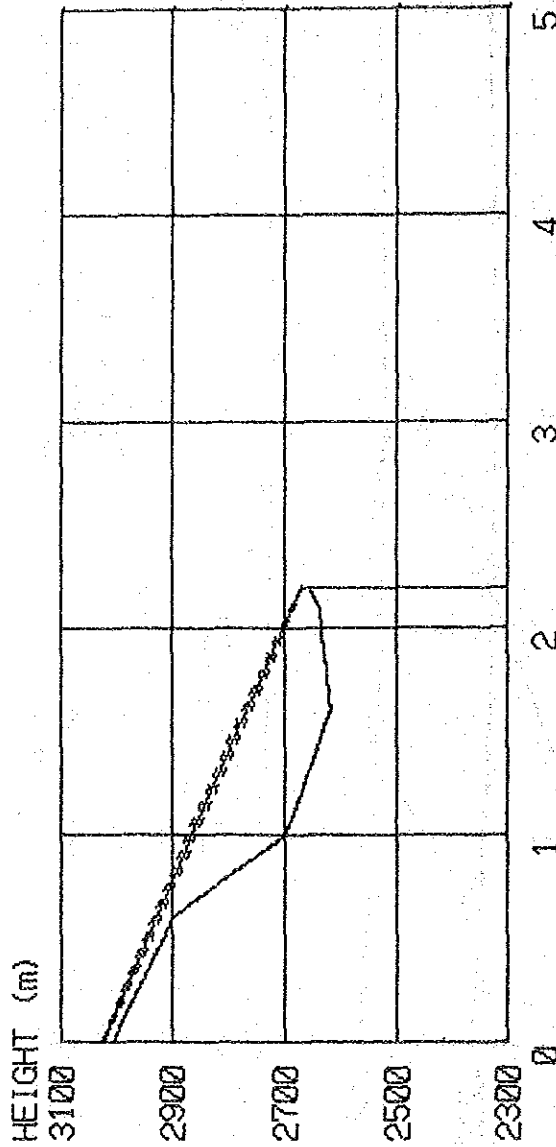
SITE NAME : DAYN DISTANCE : 33.4 km SITE NAME : GHADRAN
 GROUND LEVEL : 3010.0 m GROUND LEVEL : 2220.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	:	15.0 m	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	31.6 Km	RIDGE HEIGHT	:	2220.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	14.6 m
CLEARANCE	:	49.5 m	CLEARANCE FAC.	:	3.4
FREE SPACE LOSS	:	130.5 dB	RIDGE LOSS	:	0.3 dB
TOTAL LOSS	:	130.8 dB			

PROFILE No.	11
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 2.2 km

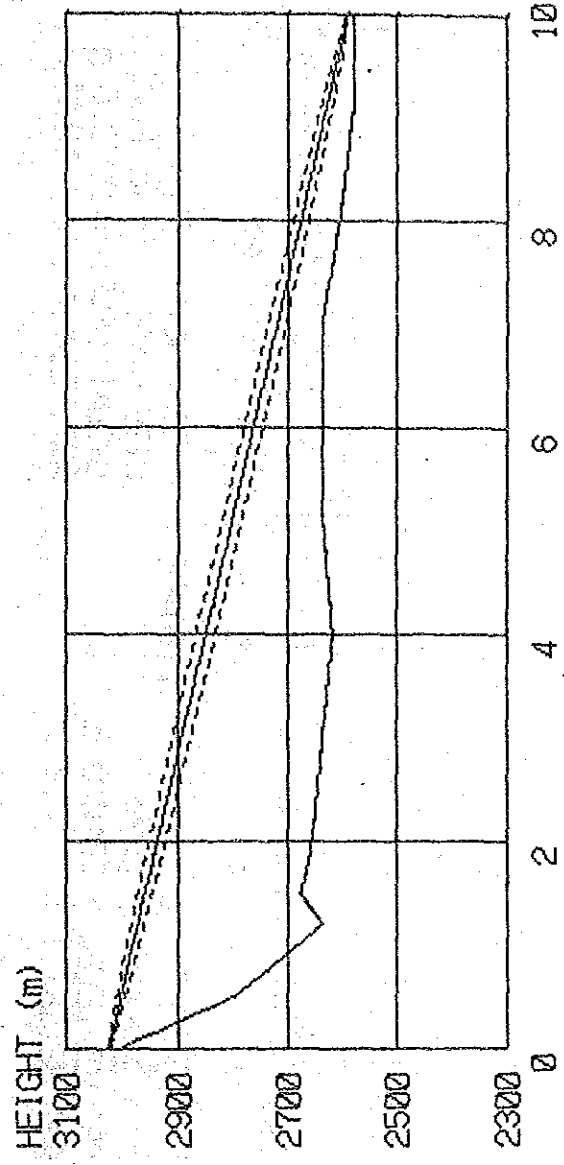
SITE NAME : DAYN	SITE NAME : BANI MAYJUN
GROUND LEVEL : 3010.0 m	GROUND LEVEL : 2660.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.6 Km	RIDGE HEIGHT : 2900.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 7.4 m
CLEARANCE : 28.1 m	CLEARANCE FAC. : 3.8
FREE SPACE LOSS : 106.9 dB	RIDGE LOSS : -0.3 dB
TOTAL LOSS : 106.7 dB	

PROFILE No.	12
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 10 km

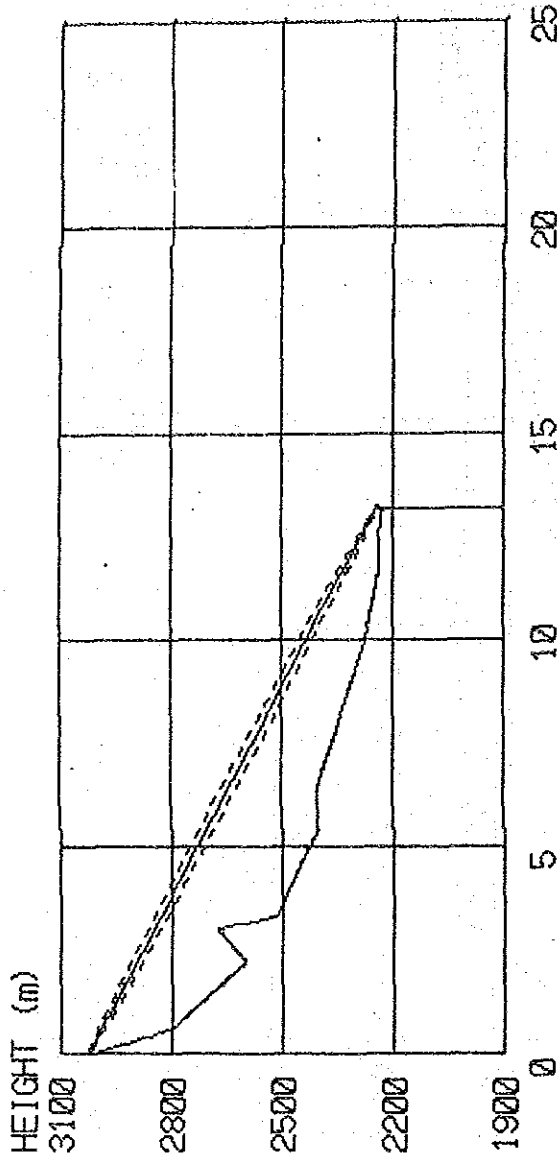
SITE NAME : DAYN	SITE NAME : HAZ
GROUND LEVEL : 3010.0 m	GROUND LEVEL : 2580.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 9.7 Km	RIDGE HEIGHT : 2580.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 6.0 m
CLEARANCE : 22.9 m	CLEARANCE FAC. : 3.8
FREE SPACE LOSS : 120.1 dB	RIDGE LOSS : -0.2 dB
TOTAL LOSS : 119.9 dB	

PROFILE No.	13
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



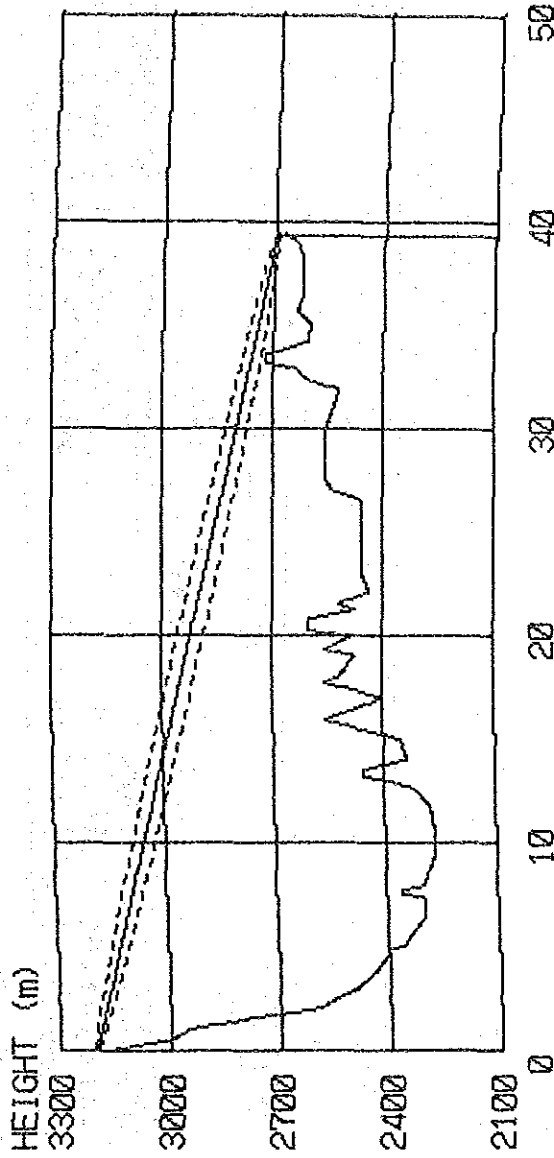
SITE NAME : DAYN DISTANCE : 13.2 km SITE NAME : AL HAWIRI
 GROUND LEVEL : 3010.0 m GROUND LEVEL : 2230.0 m
 ANT.HEIGHT 1 : 15.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 15.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 12.5 Km	RIDGE HEIGHT	: 2240.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 9.1 m
CLEARANCE	: 41.1 m	CLEARANCE FAC.	: 4.5
FREE SPACE LOSS	: 122.5 dB	RIDGE LOSS	: -0.1 dB
TOTAL LOSS	: 122.3 dB		

PROFILE No.	14
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



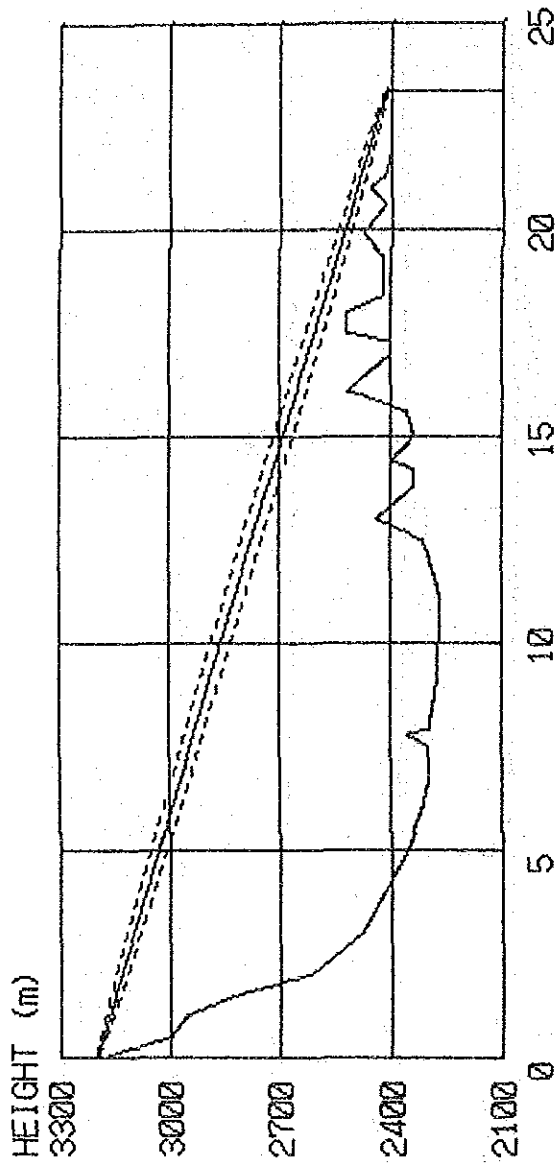
SITE NAME : AYBAN	DISTANCE : 39.4 km
GROUND LEVEL : 3186.0 m	SITE NAME : AL MARBAK
ANT.HEIGHT 1 : 15.0 m	GROUND LEVEL : 2680.0 m
	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 33.6 Km	RIDGE HEIGHT : 2720.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 24.9 m
CLEARANCE : 33.7 m	CLEARANCE FAC. : 1.4
FREE SPACE LOSS : 132.0 dB	RIDGE LOSS : 1.0 dB
TOTAL LOSS : 133.0 dB	

PROFILE No.	15
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



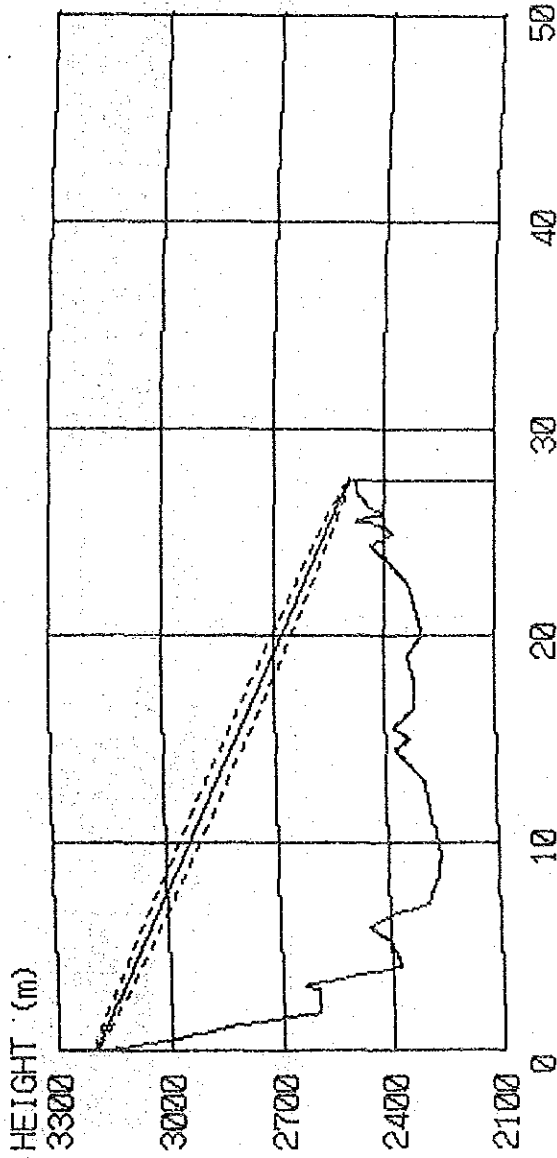
DISTANCE : 23.4 km
 SITE NAME : BAYT HADIR
 GROUND LEVEL : 2400.0 m
 ANT. HEIGHT 1 : 15.0 m
 ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	:	15.0 m	ANT. HEIGHT 2	:	10.0 m
CRITICAL POINT	:	21.0 Km	RIDGE HEIGHT	:	2460.0 m
TREE HEIGHT	:	0.0 m	FRESNEL DEP.	:	16.4 m
CLEARANCE	:	28.2 m	CLEARANCE FAC.	:	1.7
FREE SPACE LOSS	:	127.4 dB	RIDGE LOSS	:	-0.7 dB
TOTAL LOSS	:	126.8 dB			

PROFILE No.	16
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 27.5 km

SITE NAME : AR RAWMAH
 GROUND LEVEL : 2480.0 m
 ANT.HEIGHT 2 : 10.0 m

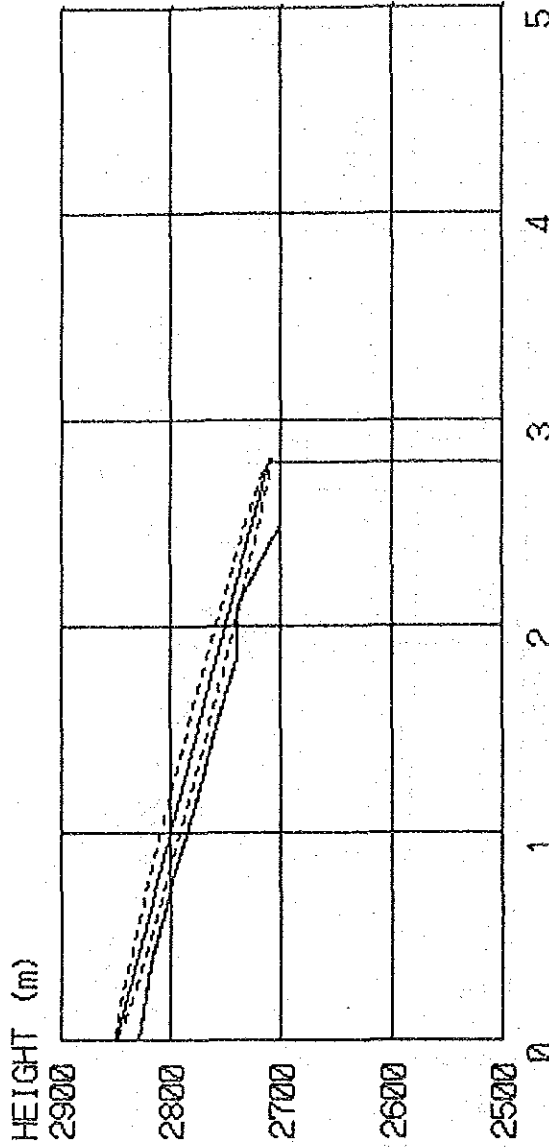
SITE NAME : AYBAN
 GROUND LEVEL : 3186.0 m
 ANT.HEIGHT 1 : 15.0 m

ANT.HEIGHT 1	:	15.0 m	:	ANT.HEIGHT 2	:	10.0 m
CRITICAL POINT	:	27.0 Km	:	RIDGE HEIGHT	:	2480.0 m
TREE HEIGHT	:	0.0 m	:	FRESNEL DEP.	:	7.8 m
CLEARANCE	:	22.1 m	:	CLEARANCE FAC.	:	2.8
FREE SPACE LOSS	:	128.8 dB	:	RIDGE LOSS	:	0.4 dB
TOTAL LOSS	:	129.2 dB	:		:	

PROFILE No.	17
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P R O F I L E

(K : 1.33 F R E Q U E N C Y : 2400 M H Z)



D I S T A N C E : 2.8 km

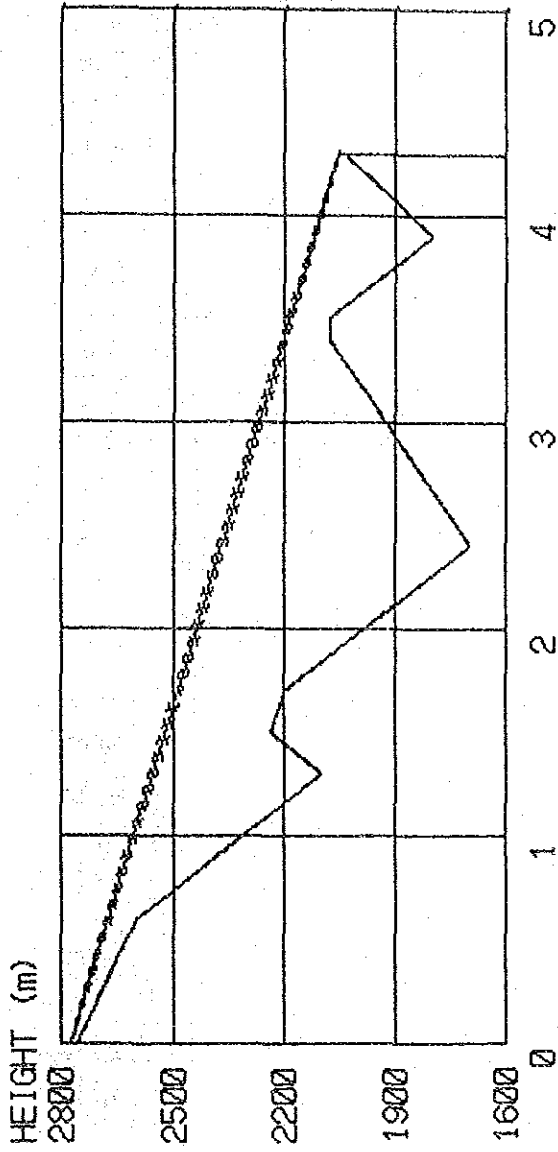
S I T E N A M E : J. I Y A L Y A Z I D S I T E N A M E : A L K H A D A R A H
 G R O U N D L E V E L : 2830.0 m G R O U N D L E V E L : 2700.0 m
 A N T . H E I G H T 1 : 20.0 m A N T . H E I G H T 2 : 10.0 m

A N T . H E I G H T 1	:	20.0 m	A N T . H E I G H T 2	:	10.0 m
C R I T I C A L P O I N T	:	2.1 Km	R I D G E H E I G H T	:	2740.0 m
T R E E H E I G H T	:	0.0 m	F R E S N E L D E P .	:	8.1 m
C L E A R A N C E	:	4.9 m	C L E A R A N C E F A C .	:	0.6
F R E E S P A C E L O S S	:	109.0 dB	R I D G E L O S S	:	-0.4 dB
T O T A L L O S S	:	108.6 dB			

P R O F I L E N o .	1 8
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 4.3 km

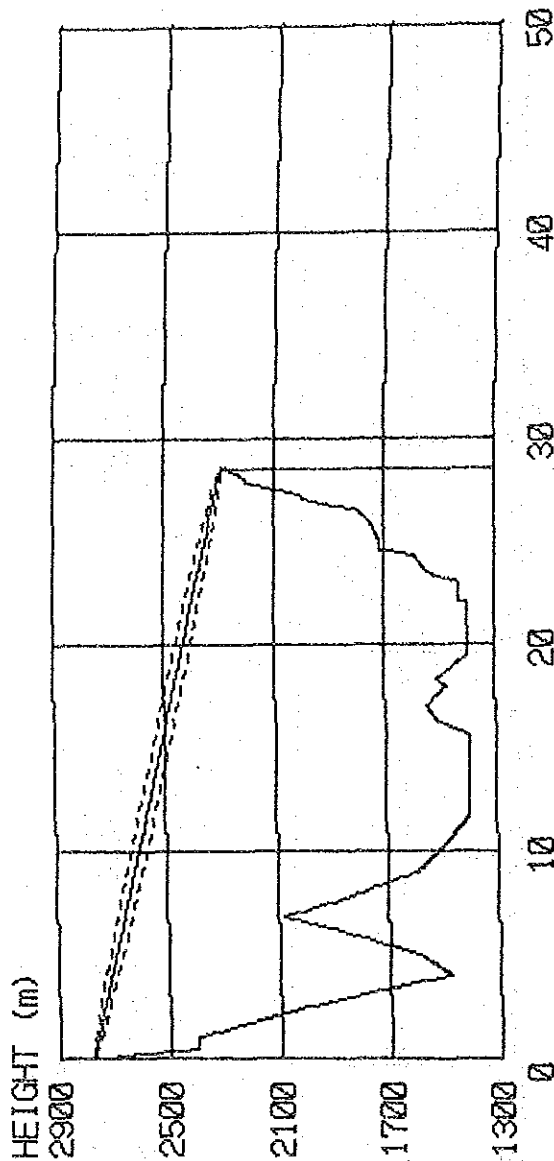
SITE NAME : MASAR	SITE NAME : ZALA
GROUND LEVEL : 2760.0 m	GROUND LEVEL : 2040.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 0.6 Km	RIDGE HEIGHT : 2600.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 8.0 m
CLEARANCE : 73.7 m	CLEARANCE FAC. : 9.2
FREE SPACE LOSS : 112.7 dB	RIDGE LOSS : 0.0 dB
TOTAL LOSS : 112.8 dB	

PROFILE No.	19
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 28.6 km

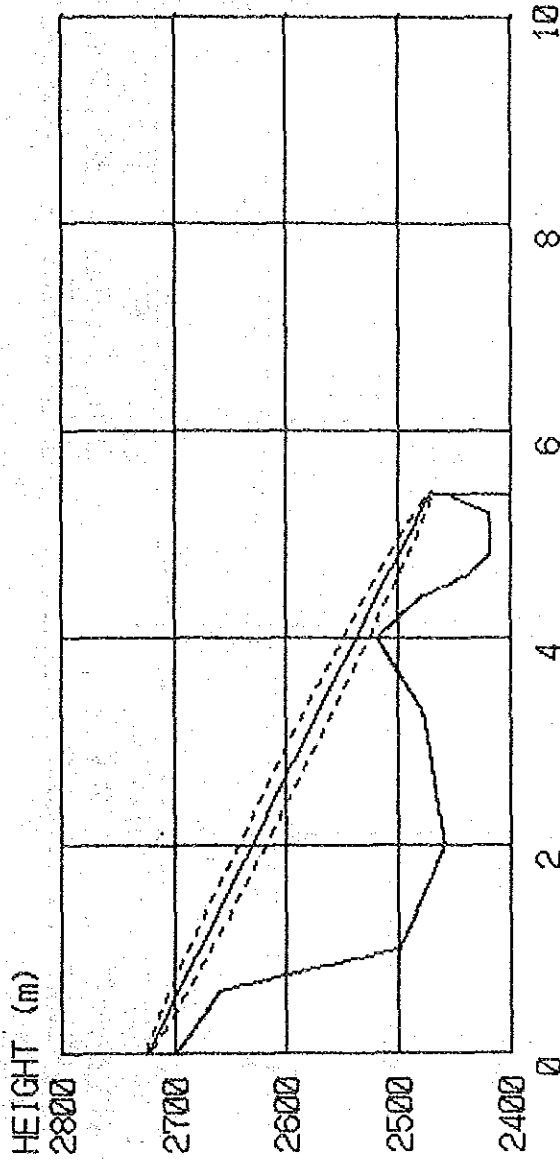
SITE NAME : MASAR	SITE NAME : AL KHAMIS
GROUND LEVEL : 2760.0 m	GROUND LEVEL : 2280.0 m
ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 15.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 27.8 Km	RIDGE HEIGHT : 2200.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 9.9 m
CLEARANCE : 102.3 m	CLEARANCE FAC. : 10.4
FREE SPACE LOSS : 129.2 dB	RIDGE LOSS : 0.1 dB
TOTAL LOSS : 129.3 dB	

PROFILE No.	20
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHZ)



DISTANCE : 5.4 km

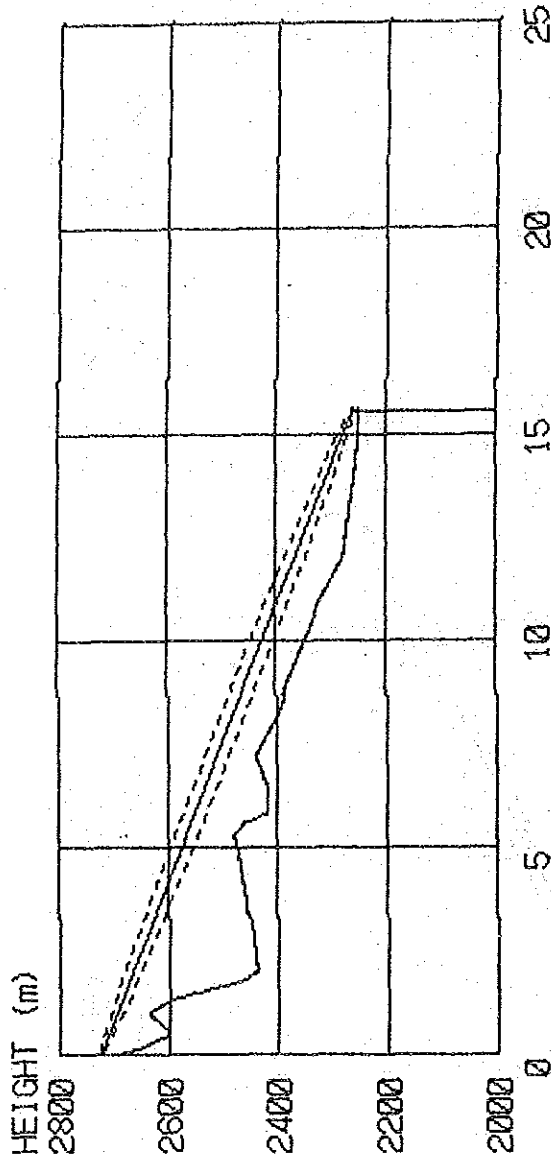
SITE NAME : J. HARMAH	SITE NAME : GHAYMAN
GROUND LEVEL : 2700.0 m	GROUND LEVEL : 2460.0 m
ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1 : 25.0 m	ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 4.0 Km	RIDGE HEIGHT : 2520.0 m
TREE HEIGHT : 0.0 m	FRESNEL DEP. : 11.4 m
CLEARANCE : 15.8 m	CLEARANCE FAC. : 1.4
FREE SPACE LOSS : 114.7 dB	RIDGE LOSS : 0.9 dB
TOTAL LOSS : 115.6 dB	

PROFILE No.	21
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



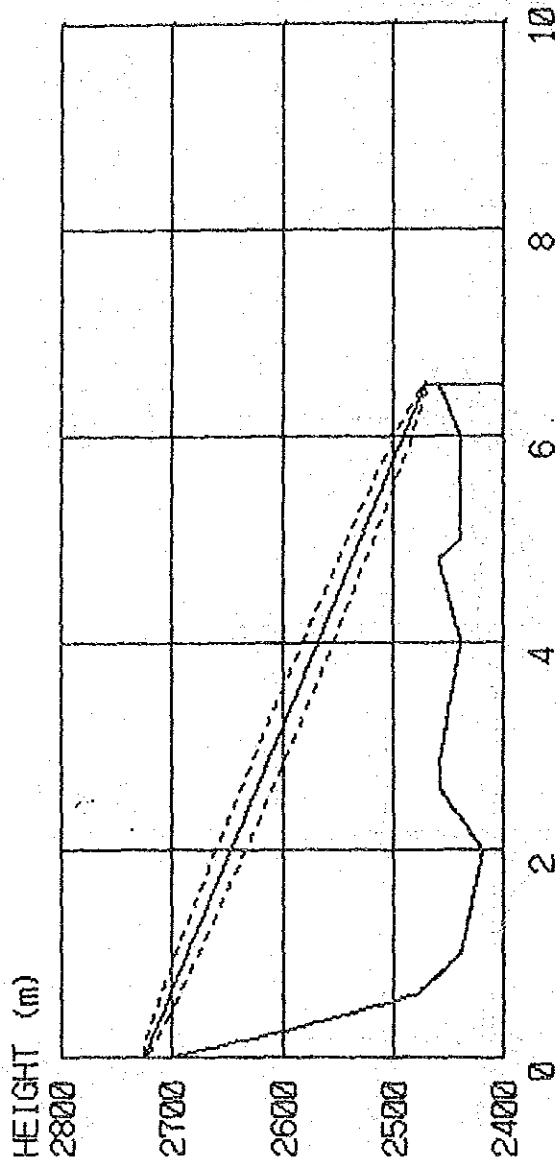
SITE NAME : J.HARWAH DISTANCE : 15.6 km SITE NAME : JIHANAH
 GROUND LEVEL : 2700.0 m GROUND LEVEL : 2250.0 m
 ANT.HEIGHT 1 : 25.0 m ANT.HEIGHT 2 : 10.0 m

ANT.HEIGHT 1	: 25.0 m	ANT.HEIGHT 2	: 10.0 m
CRITICAL POINT	: 7.2 Km	RIDGE HEIGHT	: 2440.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 22.0 m
CLEARANCE	: 66.8 m	CLEARANCE FAC.	: 3.0
FREE SPACE LOSS	: 123.9 dB	RIDGE LOSS	: -0.1 dB
TOTAL LOSS	: 123.9 dB		

PROFILE No.	22
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



DISTANCE : 6.5 km

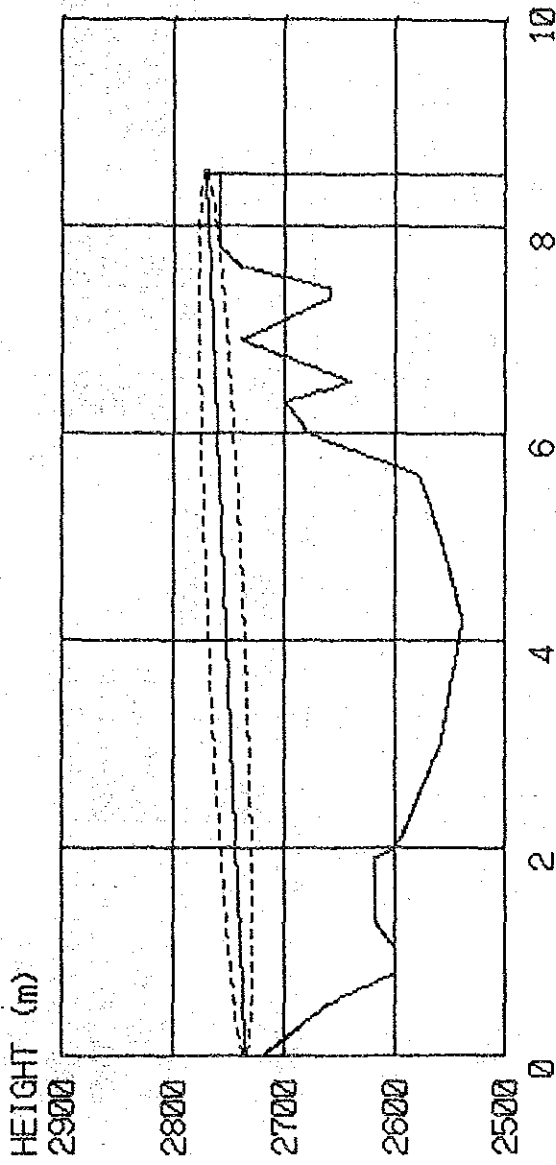
SITE NAME : J. HARWAH SITE NAME : SAYYAN
 GROUND LEVEL : 2700.0 m GROUND LEVEL : 2460.0 m
 ANT. HEIGHT 1 : 25.0 m ANT. HEIGHT 2 : 10.0 m

ANT. HEIGHT 1	: 25.0 m	ANT. HEIGHT 2	: 10.0 m
CRITICAL POINT	: 4.8 Km	RIDGE HEIGHT	: 2460.0 m
TREE HEIGHT	: 0.0 m	FRESNEL DEP.	: 12.5 m
CLEARANCE	: 76.2 m	CLEARANCE FAC.	: 6.1
FREE SPACE LOSS	: 116.3 dB	RIDGE LOSS	: -0.2 dB
TOTAL LOSS	: 116.2 dB		

PROFILE No.	24
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PROFILE

(K : 1.33 FREQUENCY : 2400 MHz)



SITE NAME : J.KANAN	DISTANCE : 8.5 km	SITE NAME : SHABAN
GROUND LEVEL : 2720.0 m		GROUND LEVEL : 2760.0 m
ANT.HEIGHT 1 : 15.0 m		ANT.HEIGHT 2 : 10.0 m
ANT.HEIGHT 1 : 15.0 m		ANT.HEIGHT 2 : 10.0 m
CRITICAL POINT : 7.8 Km		RIDGE HEIGHT : 2760.0 m
TREE HEIGHT : 0.0 m		FRESNEL DEP. : 9.0 m
CLEARANCE : 6.8 m		CLEARANCE FAC. : 0.8
FREE SPACE LOSS : 118.7 dB		RIDGE LOSS : -1.2 dB
TOTAL LOSS : 117.5 dB		

PROFILE No.	25
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