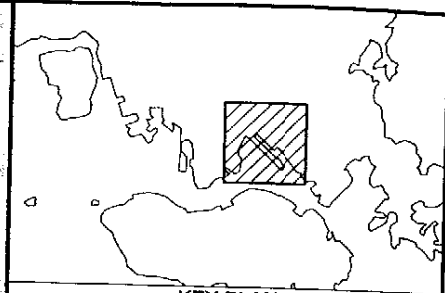
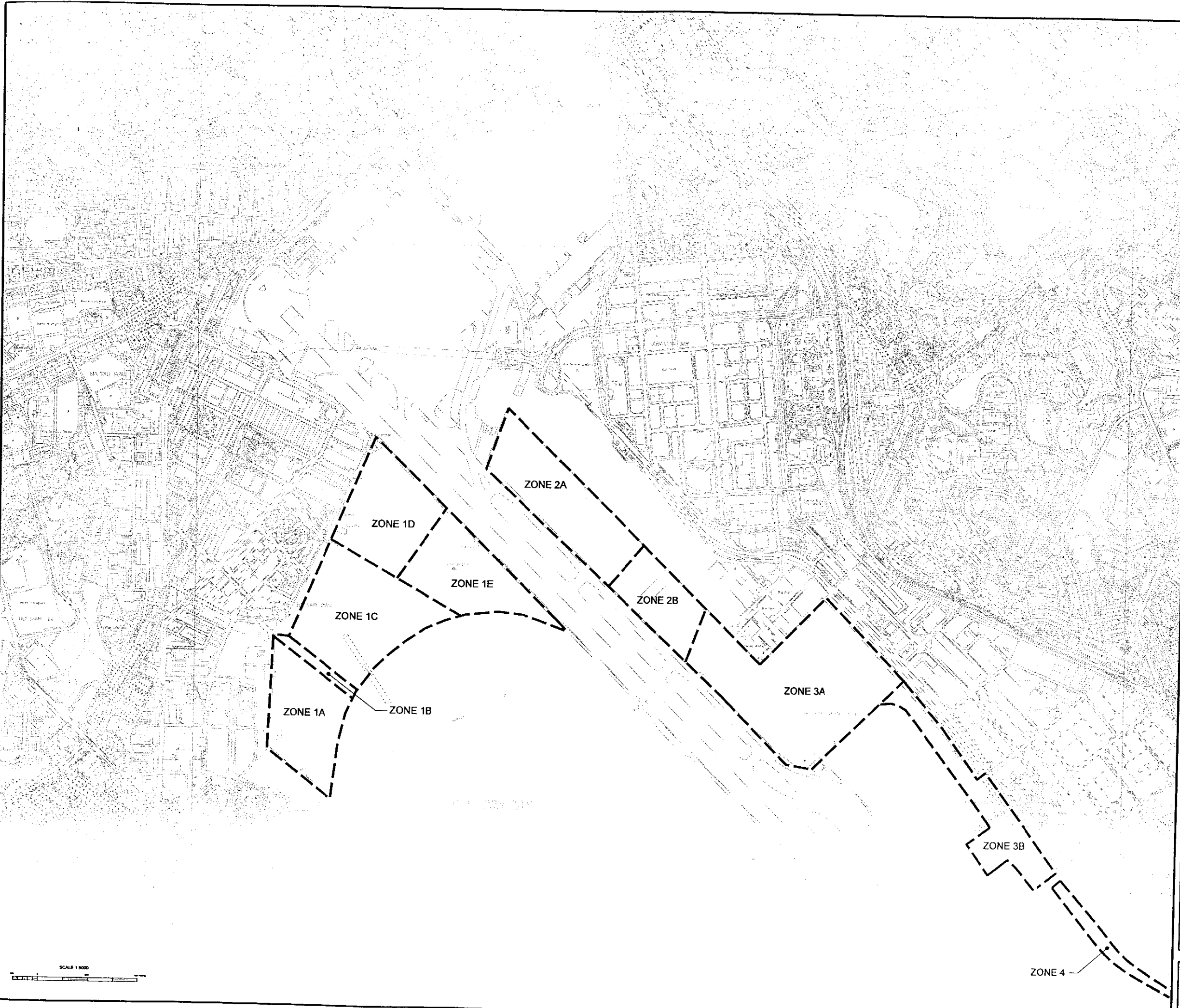
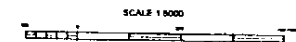


SECTION 5



LEGEND	
Reclamation	Zoning
Kowloon Bay / Hoi Sham	1A, 1B, 1C, 1D & 1E
Kai Tak Approach Channel	2A & 2B
Kwun Tong Typhoon Shelter	3A & 3B
Cha Kwo Ling	4

Rev	Description	By	Date
B			Mar.,01
A			

Consultants	
ARUP	Ove Arup & Partners Hong Kong Limited
Murray Harrison Limited	ACIA Limited
Au Poonford Consultants Limited	Environmental Management Limited
Montgomery Watson Hong Kong Limited	Rocco Design Limited
Midwell Limited	

Project title
**AGREEMENT NO. CE 32/99
 COMPREHENSIVE FEASIBILITY STUDY
 FOR THE REVISED SCHEME OF
 SOUTH EAST KOWLOON DEVELOPMENT**

Drawing title
PROPOSED RECLAMATION ZONES

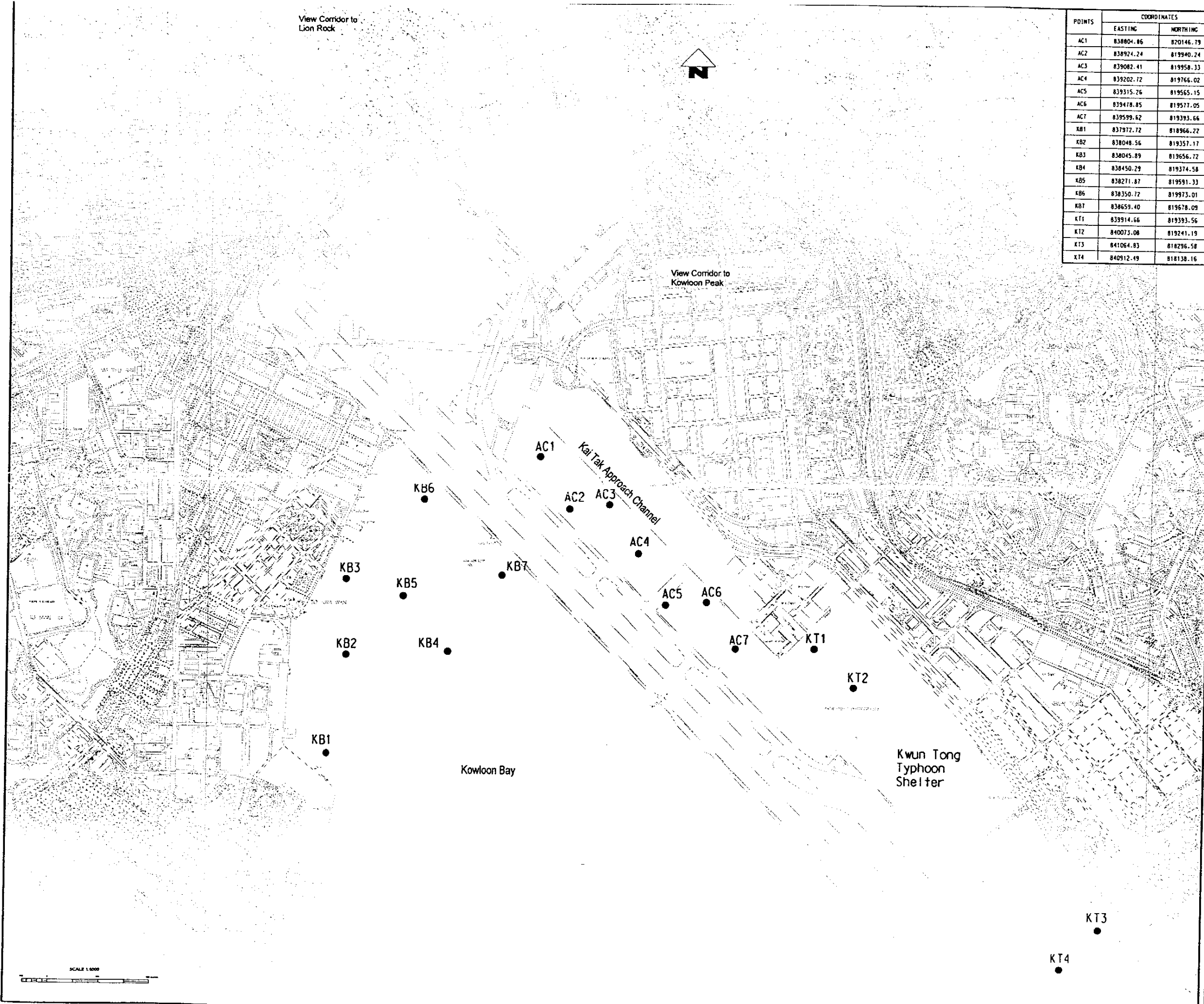
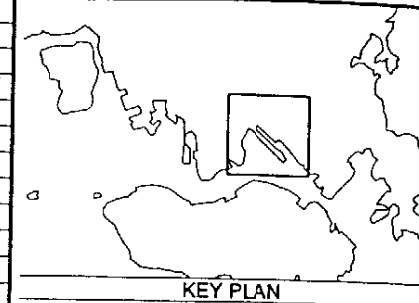
Drawing no.	22936/EN/020	Rev.	B
Drawn	Date	Checked	Approved
	AUG 00		
Scale	1:5000	Status	PRELIMINARY

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拓展署
 Territory Development
 Department, Hong Kong
 九龍地政處
 KOWLOON DEVELOPMENT OFFICE



POINTS	COORDINATES	
	EASTING	NORTHING
AC1	838004.86	820146.79
AC2	838924.24	819940.24
AC3	839082.41	819950.33
AC4	839202.12	819766.02
AC5	839315.26	819565.15
AC6	839418.85	819517.05
AC7	839599.62	819393.66
KB1	837972.72	818966.22
KB2	838048.56	819357.17
KB3	838045.89	819656.72
KB4	838450.29	819374.58
KB5	838271.87	819591.33
KB6	838350.72	819973.01
KB7	838659.40	819678.09
KT1	839914.66	819393.56
KT2	840073.08	819241.19
KT3	841064.83	818296.58
XT4	840912.49	818130.16



Rev.	Description	By	Date
Consultants			
A.	ARUP (Music Revision)	Ove Arup & Partners Hong Kong Limited	JUL 00
Murray Harrison Limited		ACLA Limited	
Air Pollution Consultants Limited		Environmental Management Limited	
Montgomery Watson Hong Kong Limited		Raccon Design Limited	
Michael Limited			

Project Title


AGREEMENT NO.CE 32/99 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT

Drawing Title

SEDIMENT SAMPLING POINTS FOR SITE INVESTIGATION

Drawing no.			Rev.	
22936/EN/021			A	
Drawn	Date	Checked	Approved	
	MAR 00			
Scale		Status		
1 : 5000		PRELIMINARY		

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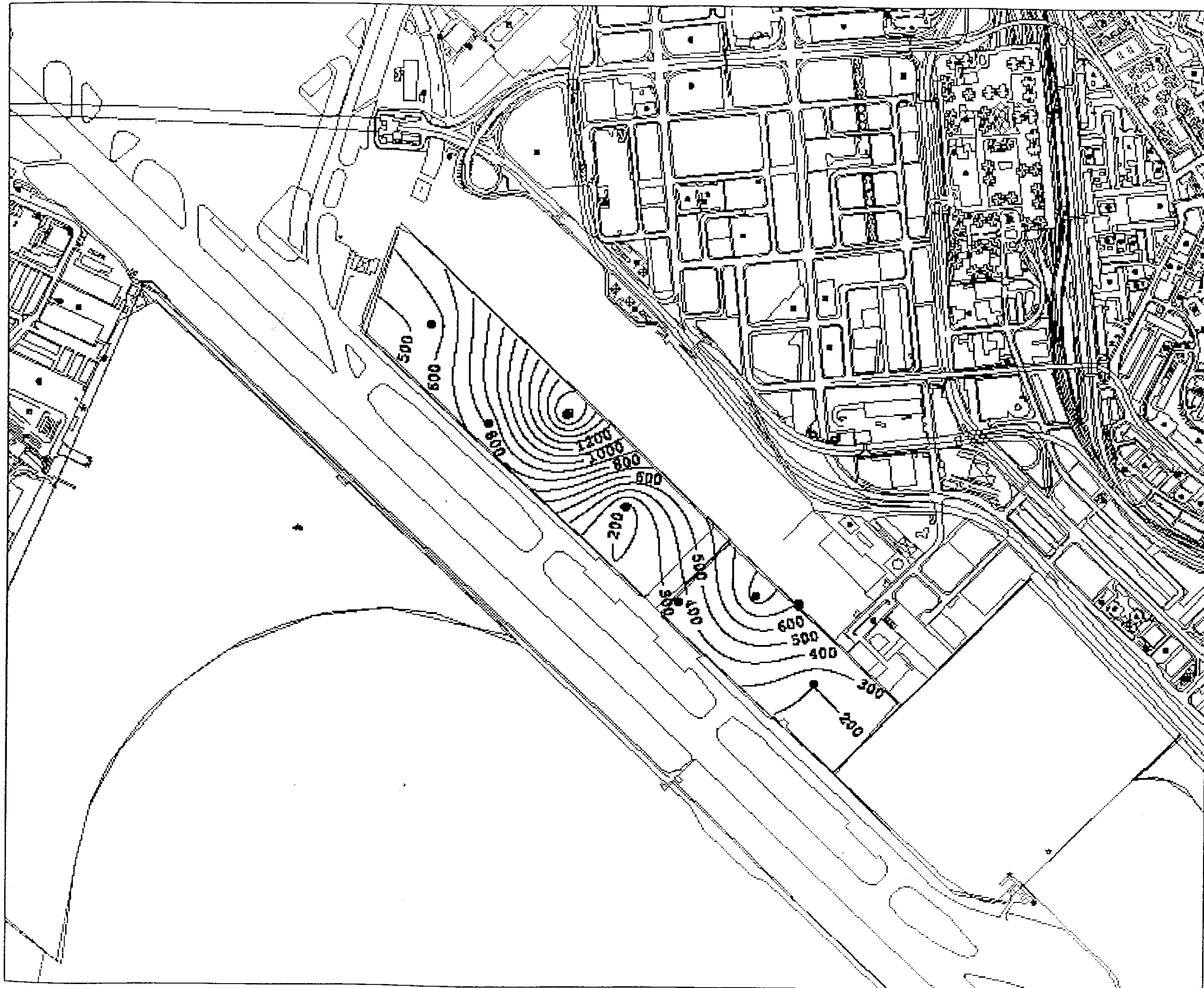


拓展署

Territory Development
Department, Hong Kong

九龍拓展處

KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Cu in 1 m depth (mg/kg)

Consultants:
ARUP One Arup & Partners Hong Kong Limited
 Honey Harrison Limited ACLA Limited
 Au Poon & Associates Limited Environmental Management Limited
 Marguerite Wilson Hong Kong Limited Process Design Limited
 Waiwai Limited

Project title

AGREEMENT NO. CE32/99

COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

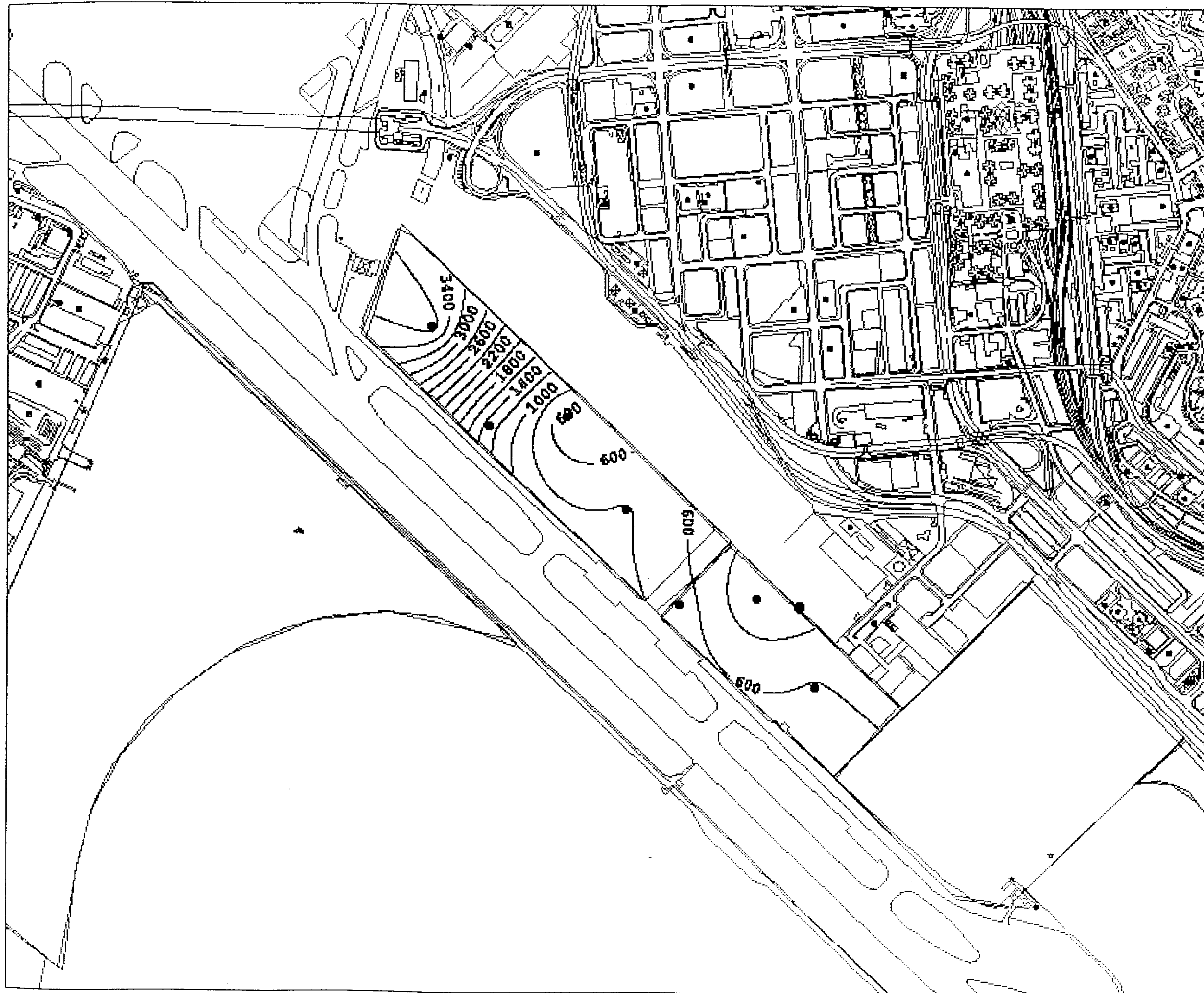
Drawing title

Copper Concentration at 1 m depth -
 KTAC

Drawing no.

22936/EN/046


 地政處
 Territory Development
 Department, Hong Kong
 九龍發展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

Contour Lines showing the Concentration of Cu in 2 m depth (mg/kg)

Consultants
ARUP One Arup & Partners Hong Kong Limited
 MWH Hong Kong Limited AECI Limited
 Air Pollution Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Parks Design Limited
 Wilmott Limited

Project title

AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

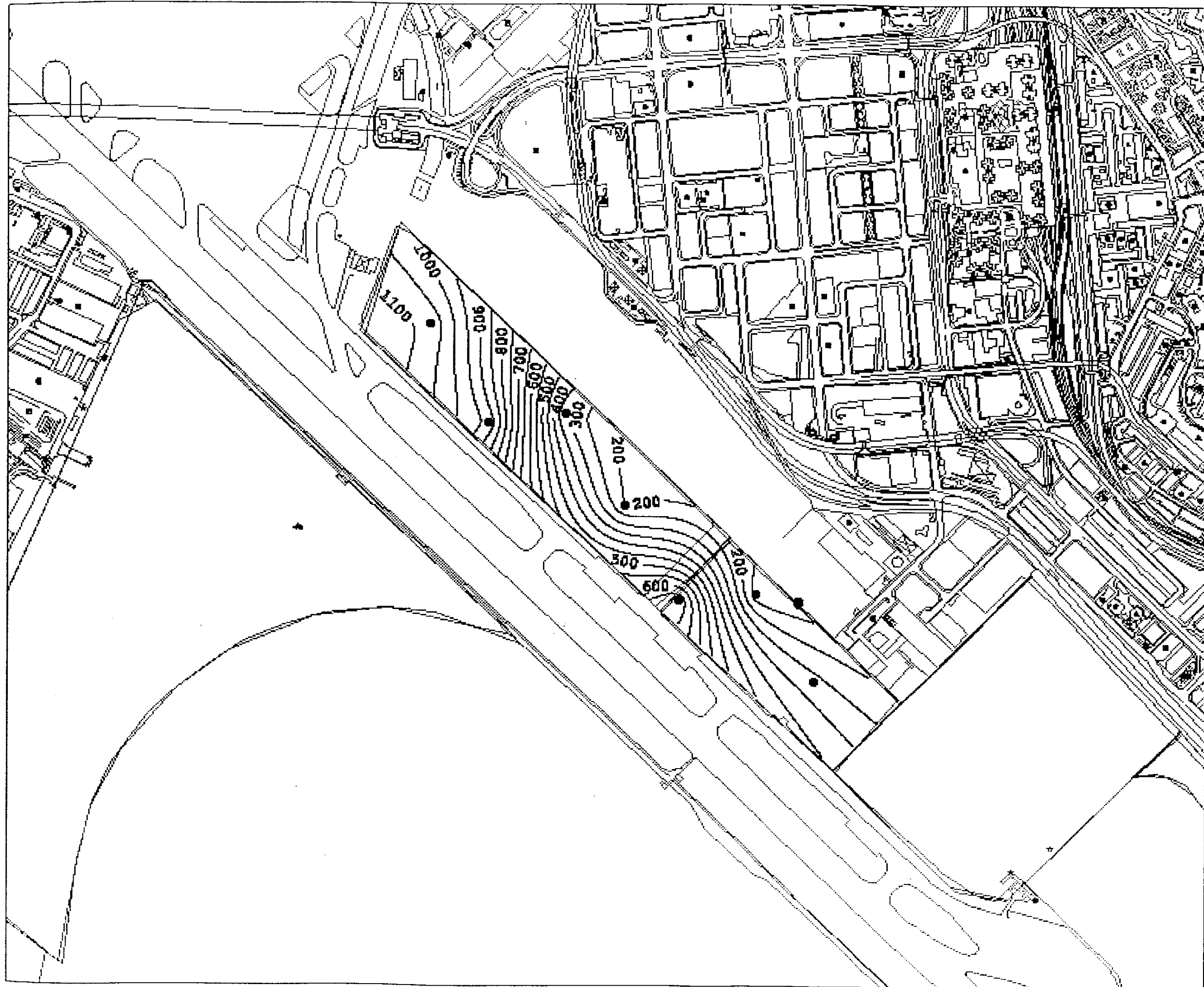
Drawing title

Copper Concentration at 2 m depth
 - KTAC

Drawing no.

22936/EN/047


 拓展處
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Cr in 2 m depth (mg/kg)

Consultants
ARUP One Arup & Partners Hong Kong Limited
 Hurry Nielsen Limited ACLA Limited
 As Pooled Consultants Limited Environmental Management Limited
 Montgomery Wilson Hong Kong Limited Process Design Limited
 WSP Limited

Project title

AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

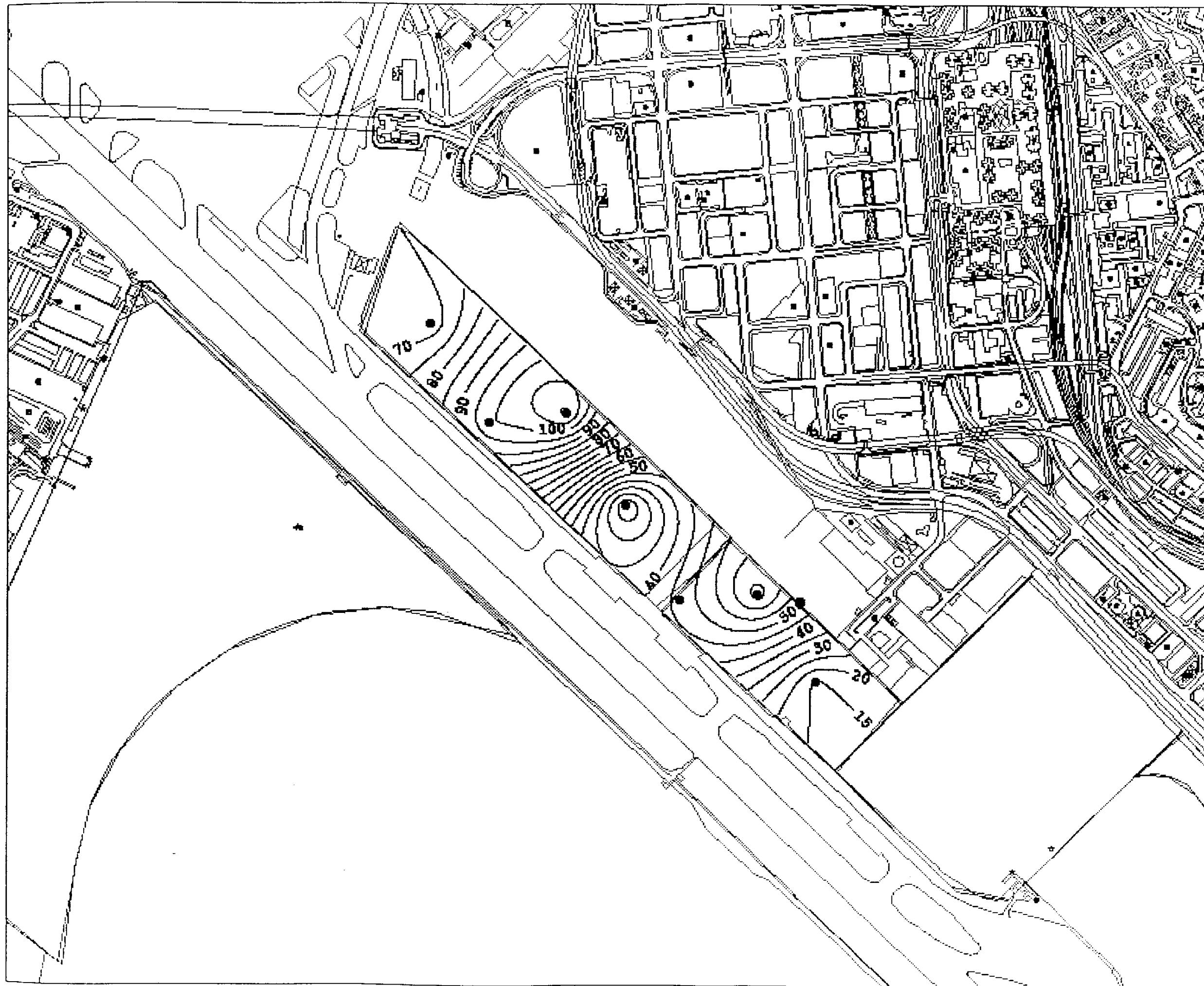
Drawing title

Chromium Concentration at 2 m
 depth - KTAC

Drawing no.

22936/EN/049

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Ni in 1 m depth (mg/kg)

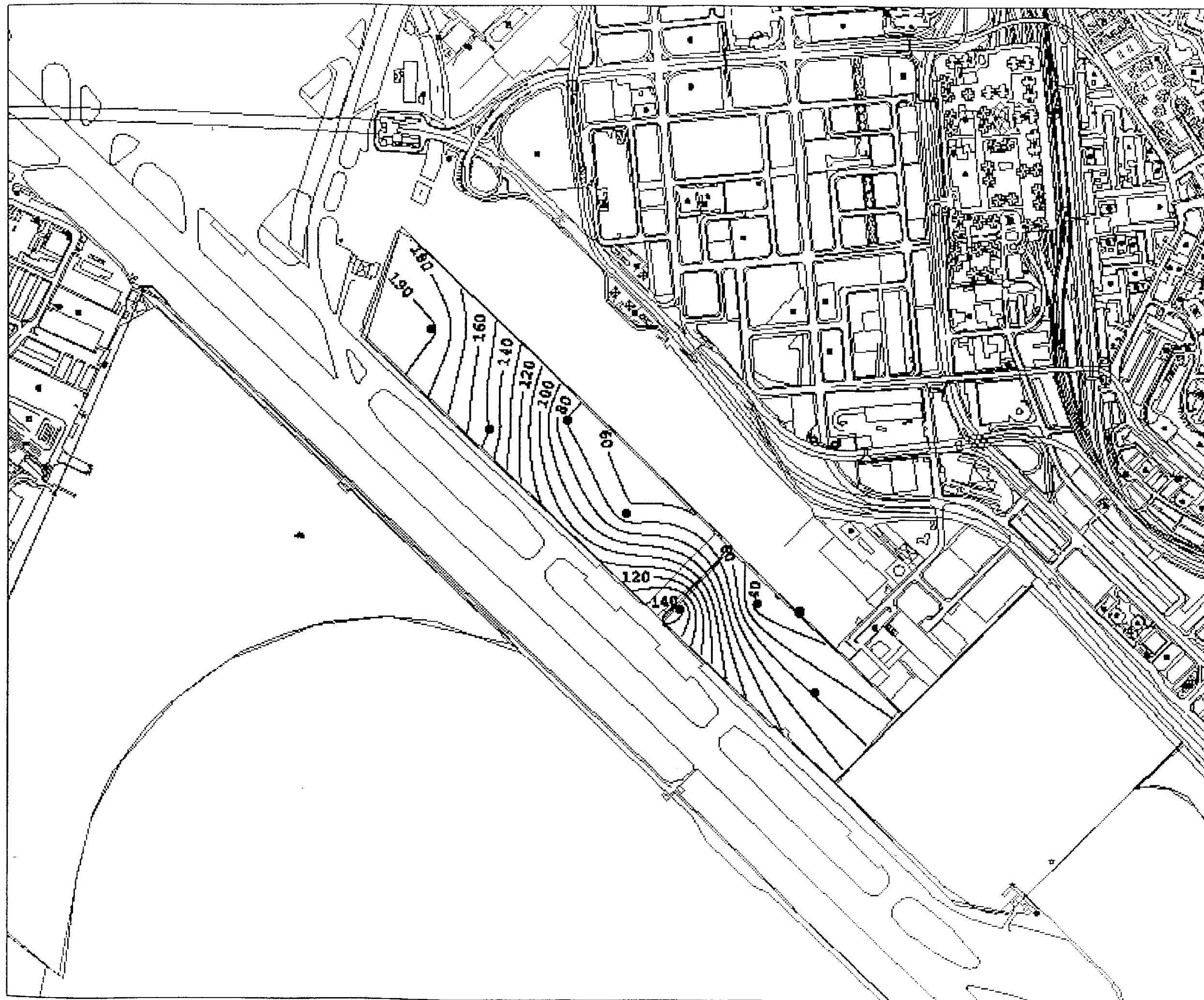
Consultants
ARUP One Arup & Partners Hong Kong Limited
 MWH Hong Kong Limited
 Geo-Technical Consultants Limited
 Hongkong Water Supply Corporation Limited
 PCL Limited
 AEC Limited
 Environmental Management Limited
 PCL Design Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT

Drawing title
 Nickel Concentration at 1 m depth - KTAC

Drawing no.
 22936/EN/050

Territory Development
 Department, Hong Kong
 九龍發展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Ni in 2 m depth (mg/kg)

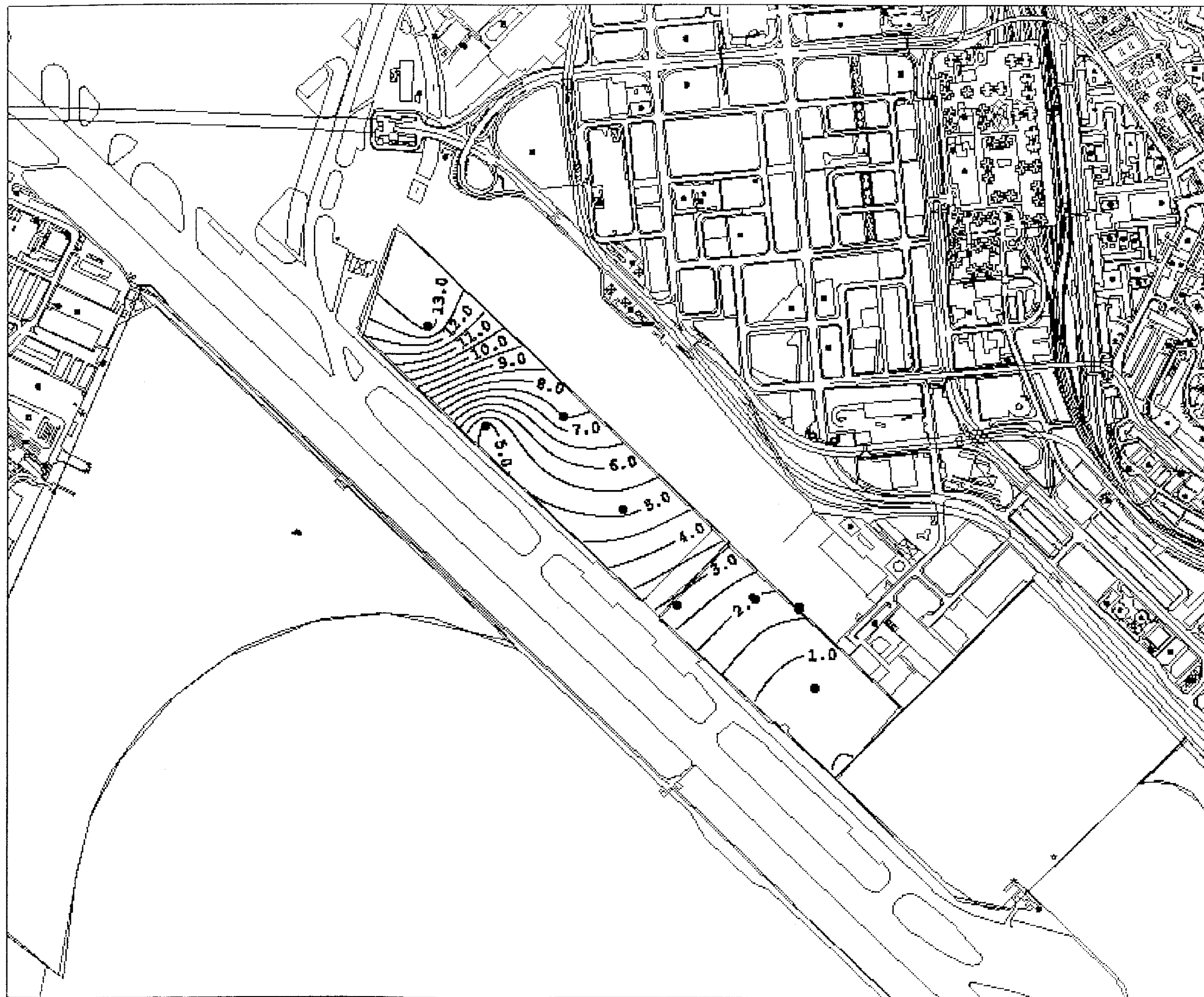
Consultancy
ARUP One Arup & Partners Hong Kong Limited
 Murray Gordon Limited ACLA Limited
 Ho Pui-ling Consultants Limited Environmental Management Limited
 Hongkong Water Supply Corporation Limited Poon Design Limited
 Waiwai Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

Drawing title
 Nickel Concentration at 2 m depth -
 KTAC

Drawing no.
 22936/EN/051

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of TOC in 1 m depth (% Dry Wt.)

Consultants
ARUP One Arup & Partners Hong Kong Limited
 Murray Harris Limited ACLA Limited
 Au Pong Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Plaza Design Limited
 Waiwai Limited

Project title

AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

Drawing title

TOC Concentration at 1 m depth -
 KTAC

Drawing no.
 22936/EN/052

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of TOC in 2 m depth (% Dry Wt.)

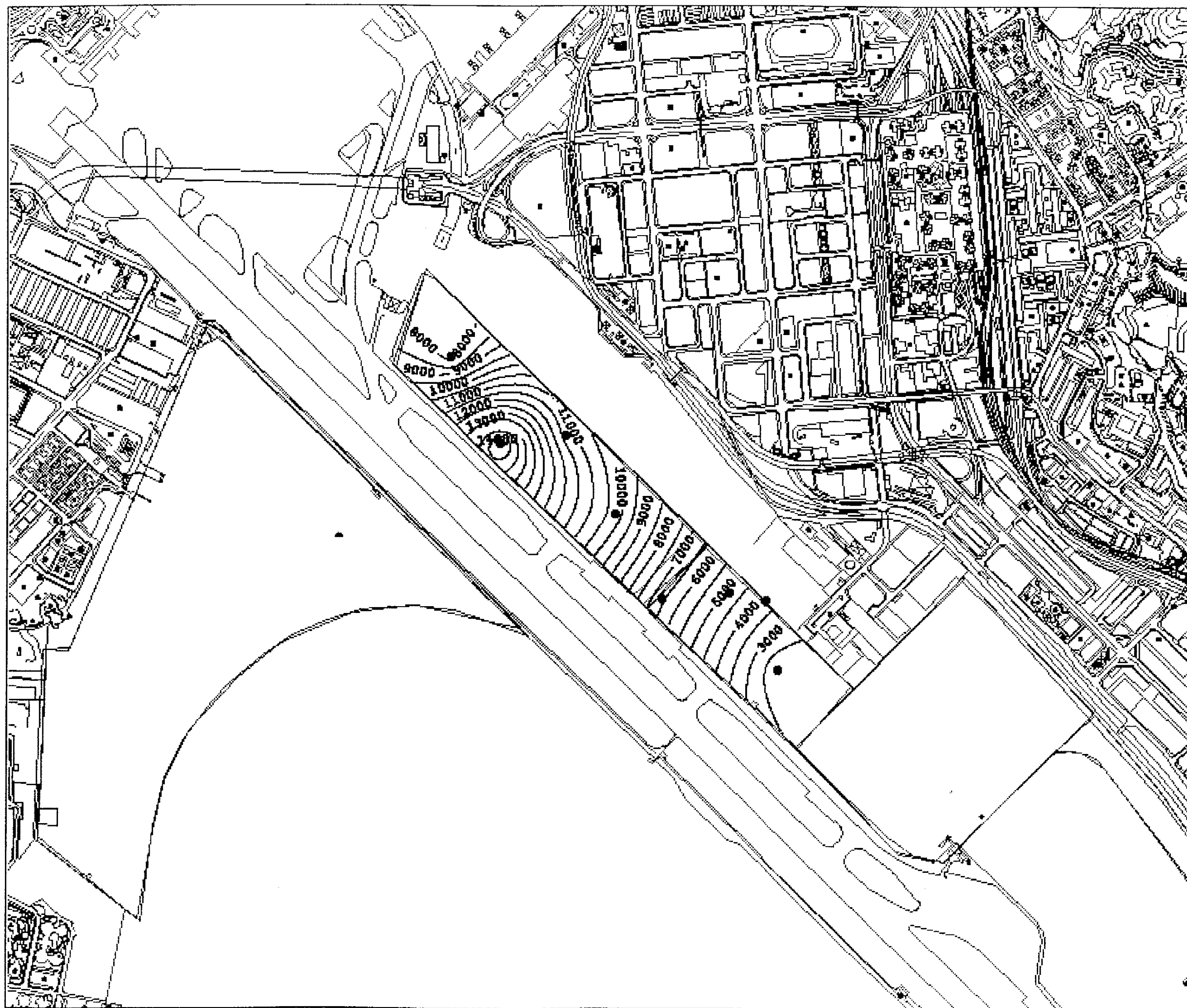
Consulting
ARUP One Arup & Partners Hong Kong Limited
 Arup Hong Kong Limited
 Arup (China) Limited
 Arup (India) Limited
 Arup (Japan) Limited
 Arup (Korea) Limited
 Arup (Malaysia) Limited
 Arup (New Zealand) Limited
 Arup (Philippines) Limited
 Arup (Singapore) Limited
 Arup (South Africa) Limited
 Arup (Thailand) Limited
 Arup (Vietnam) Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

Drawing title
 TOC Concentration at 2 m depth -
 KTAC

Drawing no. 22936/EN/053


 拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

- Vibrocore stations
- ~ Contour Lines showing the Concentration of SOD in 1 m depth (mg/kg Dry Wt.)

Consultants
ARUP One Arup & Partners Hong Kong Limited
 Manly Partners Limited AGA Limited
 Air Pollution Consultants Limited Environmental Management Limited
 Montgomery Wilson Hong Kong Limited Pico Design Limited
 Waiwai Limited

Project title

AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

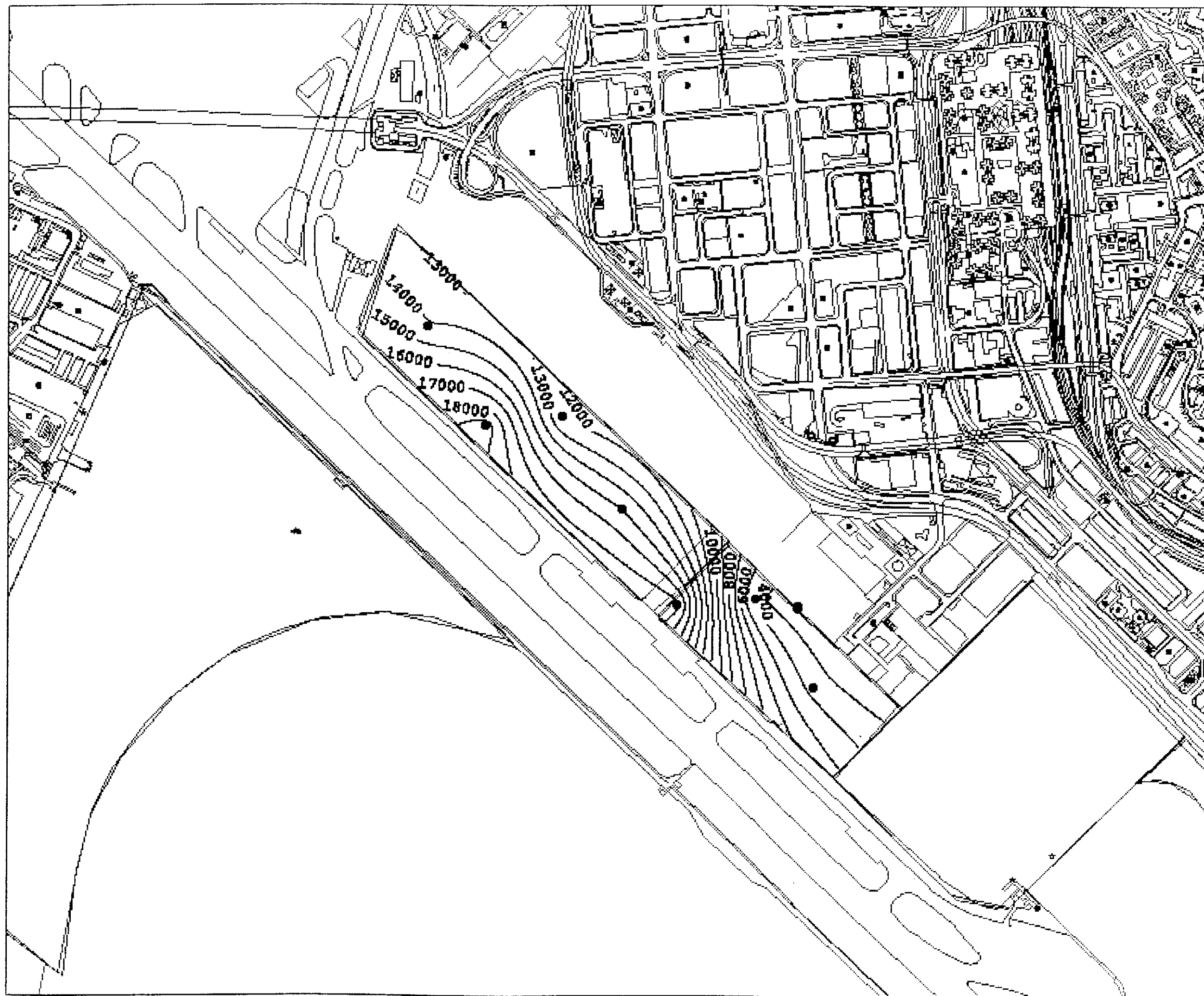
Drawing title

SOD Concentration at 1 m depth -
 KTAC

Drawing no.

22936/EN/054

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of SOD in 2 m depth (mg/kg Dry Wt.)

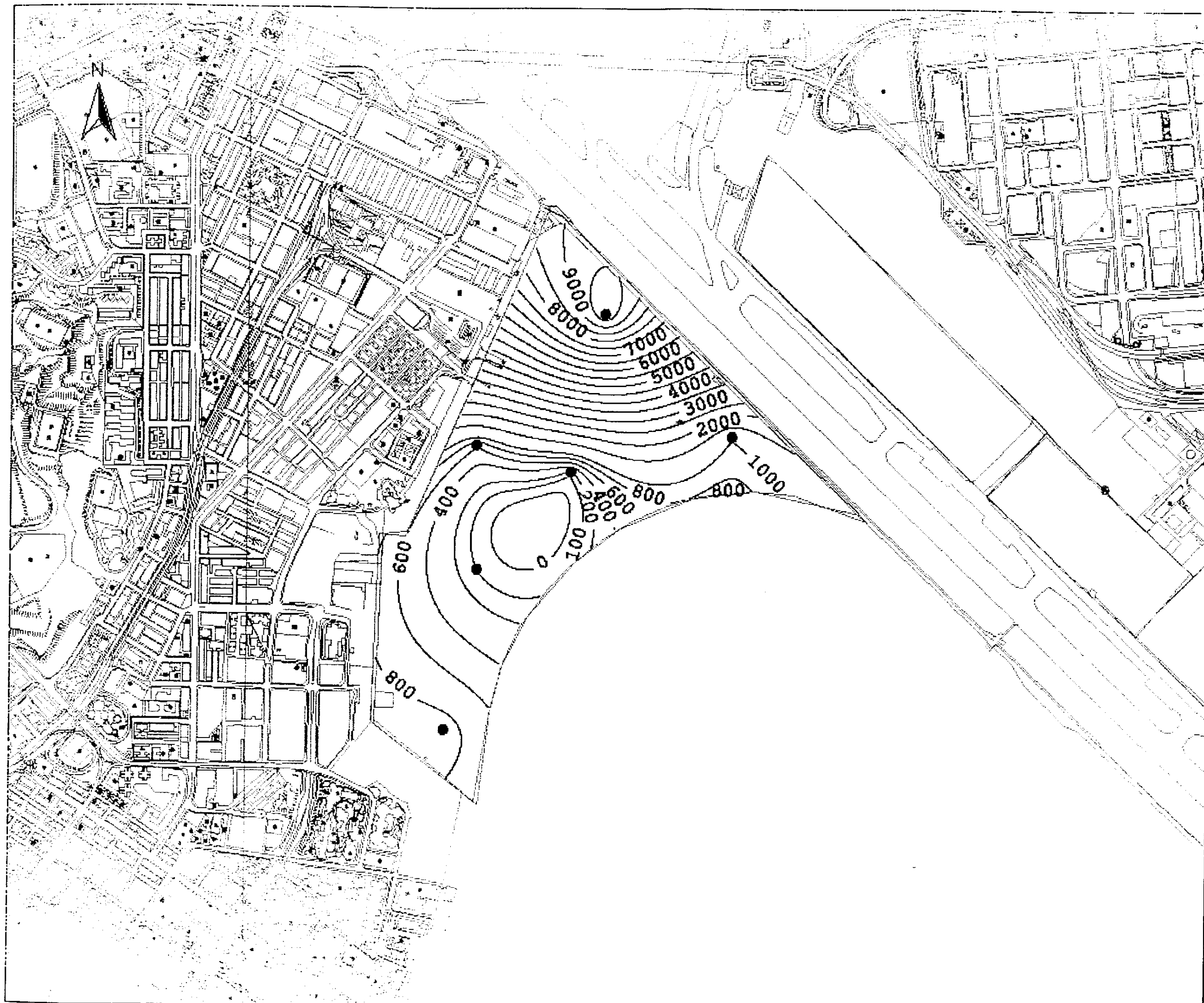
Consultants
ARUP One Arup & Partners Hong Kong Limited
 Mott MacDonald Limited AEC Limited
 Ho Partners Consulting Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Roca Design Limited
 WSP Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR THE
 REVISED SCHEME OF SOUTH EAST KOWLOON
 DEVELOPMENT

Drawing title
 SOD Concentration at 2 m depth -
 KTAC

Drawing no.
 22936/EN/055

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Cu in 1 m depth (mg/kg)

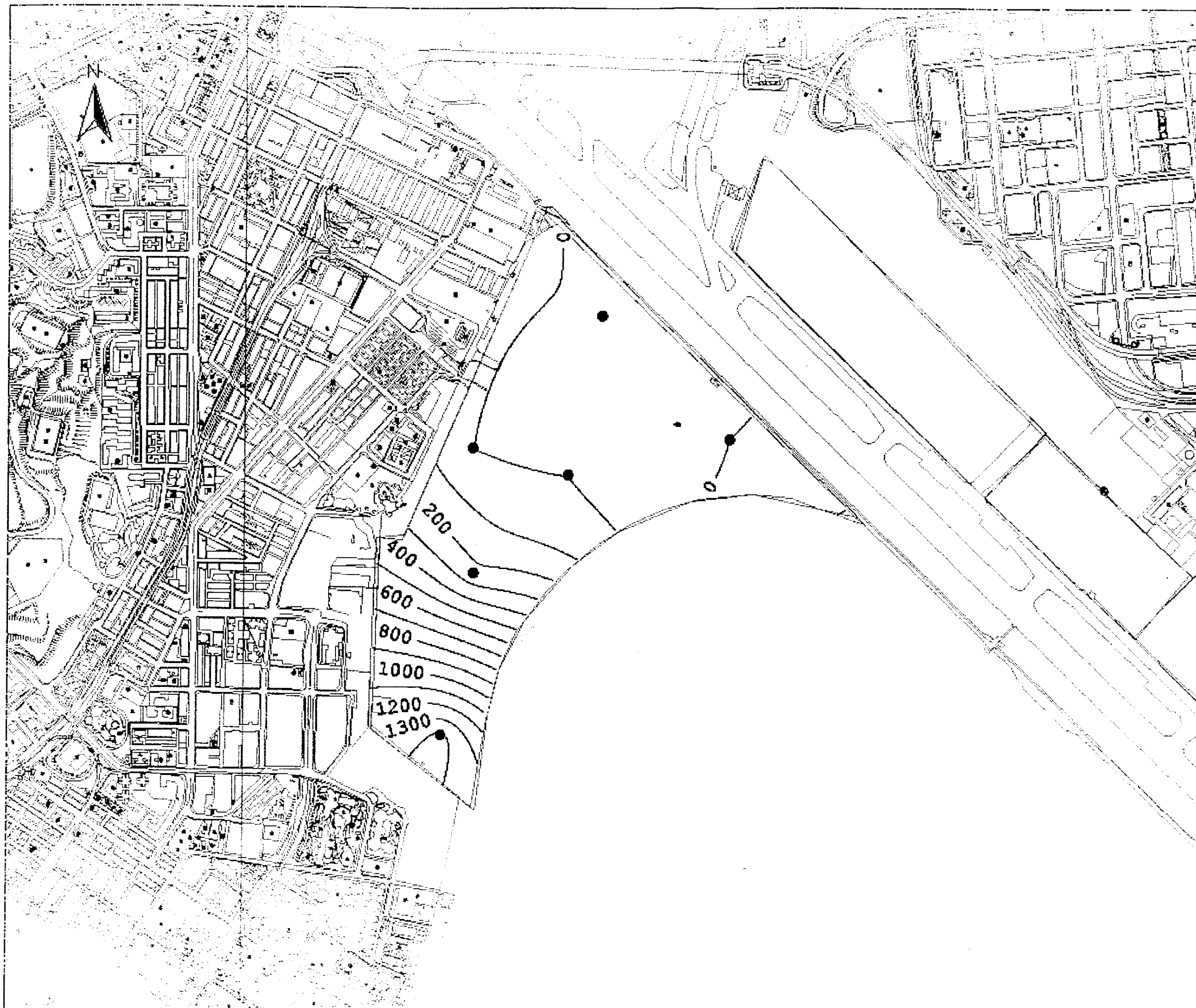
Consultants	ARUP One Arup & Partners Hong Kong Limited
Murray Harcourt Limited	ACLA Limited
As Proffort Consultants Limited	Environmental Management Limited
Montgomery Watson Hong Kong Limited	Rozco Design Limited
Wilford Limited	

Project title	AGREEMENT NO. CE32/99 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT
---------------	---

Drawing title	Copper Concentration at 1 m Depth - KB
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Drawing no.	22936/EN/095

 拓展署 Territory Development Department, Hong Kong 九龍拓展處 KOWLOON DEVELOPMENT OFFICE	
--	--



4 LEGEND:

- Vibrocore stations

 Contour Lines showing the Concentration of Cu in 2 m depth (mg/kg)

Consultants	
ARUP	Ove Arup & Partners Hong Kong Limited
Murray Harrison Limited	AQIA Limited
As Portland Consultants Limited	Environmental Management Unit
Montgomery Watson Hong Kong Limited	Rocco Design Limited
Wilbur Smith Limited	

Project title

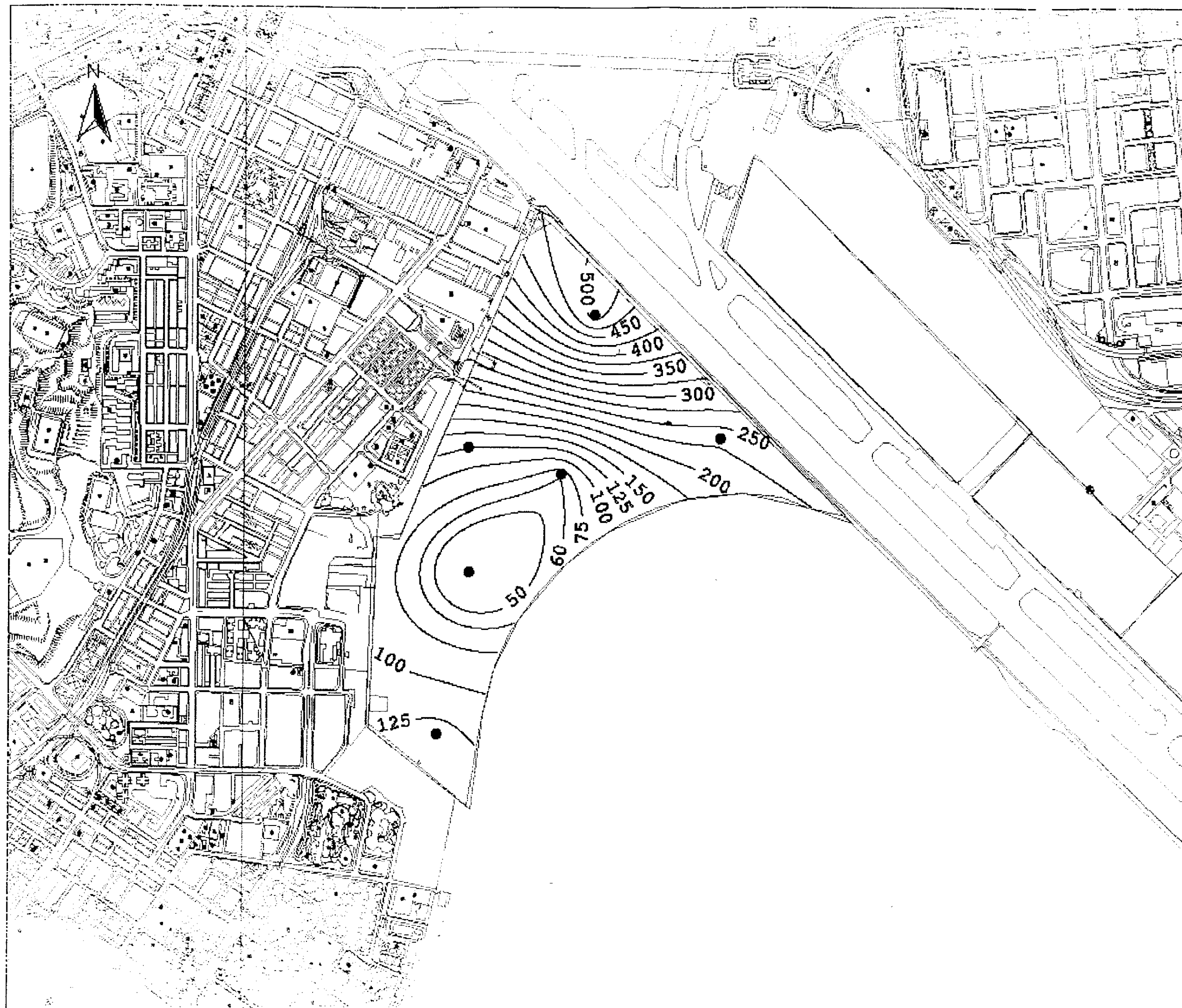
AGREEMENT NO. CE32/P9

COMPREHENSIVE FEASIBILITY STUDY FOR
THE REVISED SCHEME OF SOUTH EAST
KOWLOON DEVELOPMENT

Copper Concentration at 2 m
Depth - KB

Drawing no.	22936/EN/096
-------------	--------------





LEGEND:

● Vibrocore stations

∩ Contour Lines showing the Concentration of Cr in 1 m depth (mg/kg)

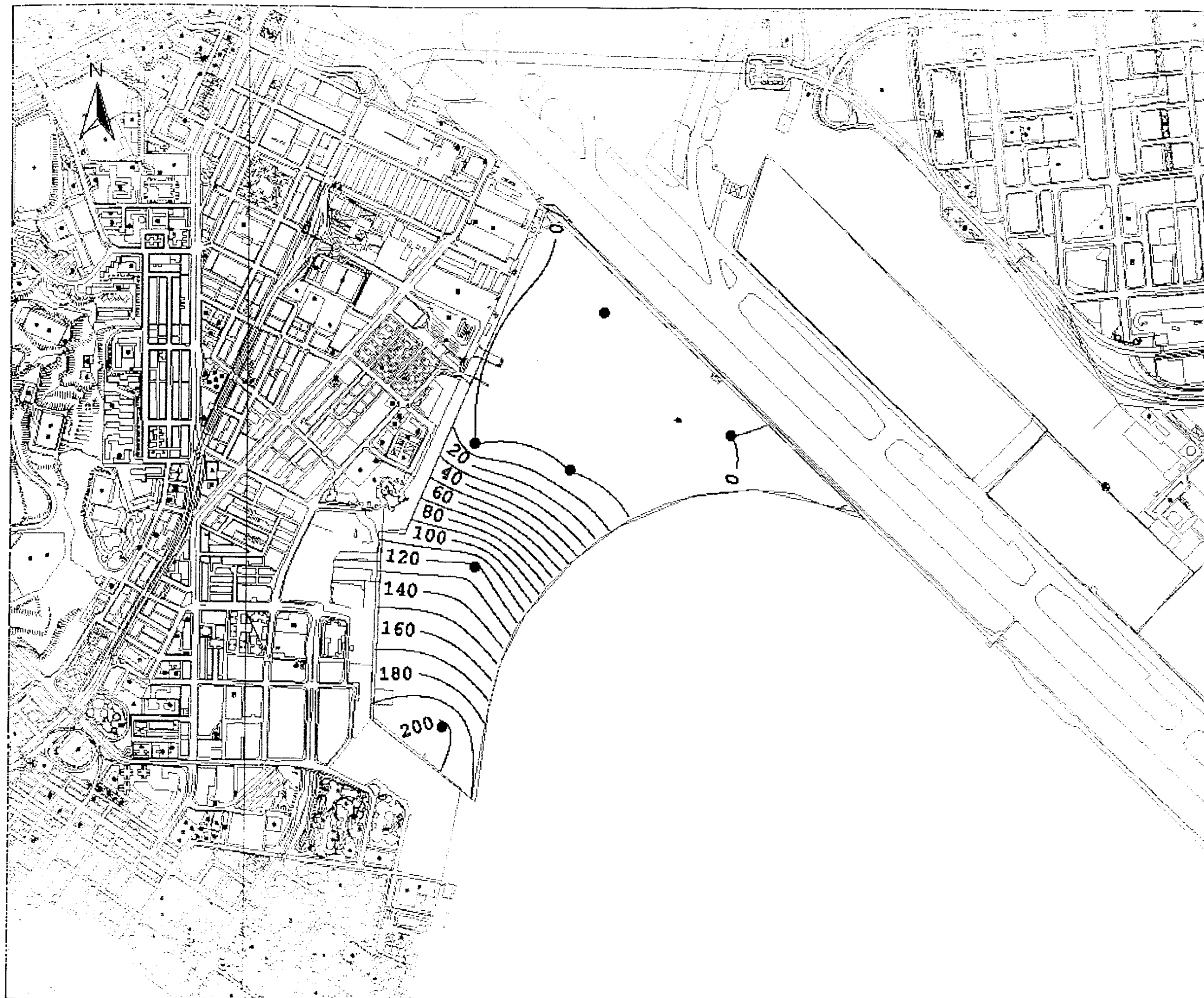
Consultants
ARUP Ove Arup & Partners Hong Kong Limited
 Murray Harcourt Limited ACLA Limited
 Au Pongard Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Rocco Design Limited
 Wilmott Limited

Project title
 AGREEMENT NO. CE 32/99
 COMPREHENSIVE FEASIBILITY STUDY
 FOR THE REVISED SCHEME OF SOUTH
 EAST KOWLOON DEVELOPMENT

Drawing title
 Chromium Concentration at 1
 m Depth - KB

Drawing no. 22936/EN/097

BR 拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Cr in 2 m depth (mg/kg)

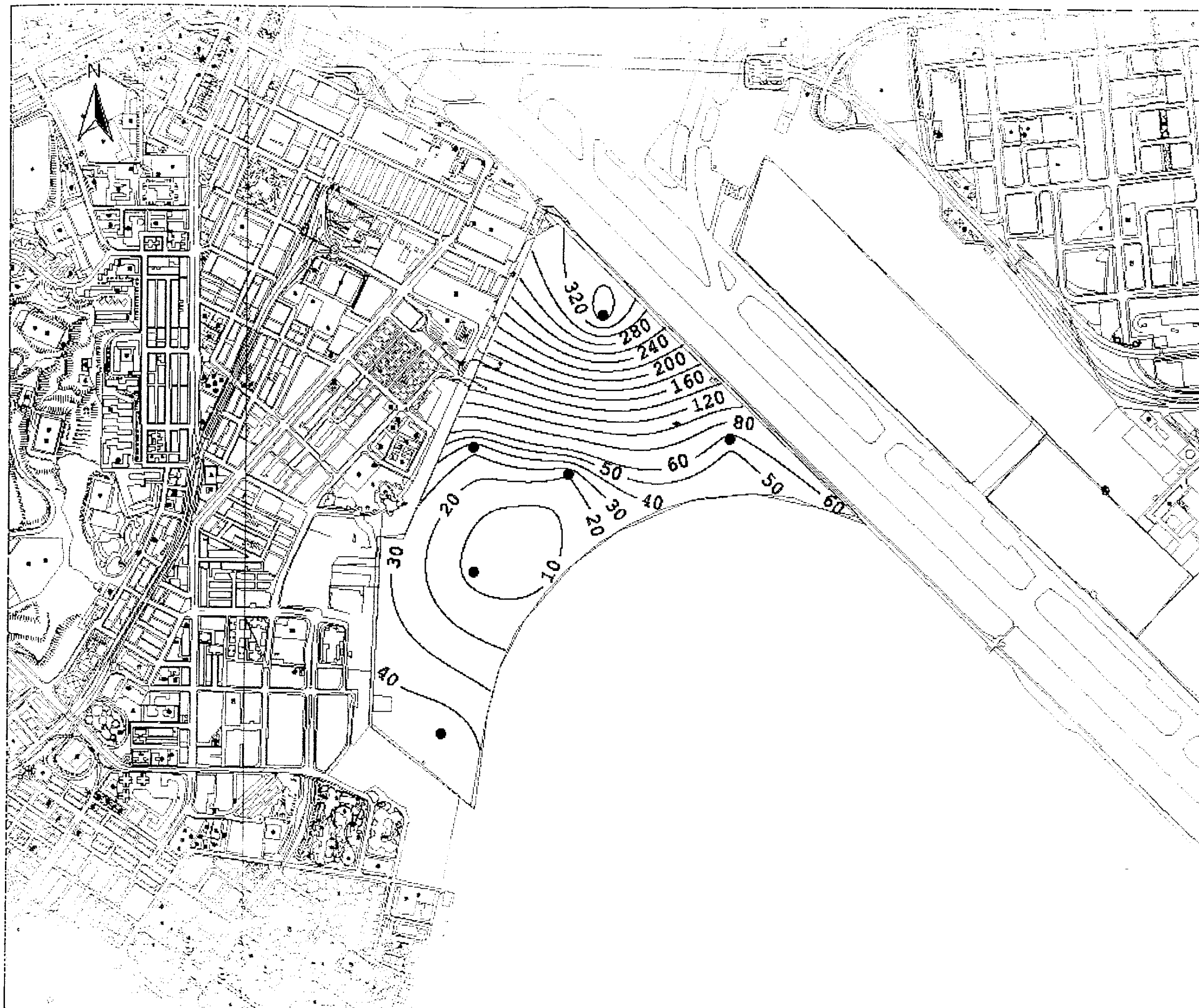
Consultants
ARUP Ove Arup & Partners Hong Kong Limited
 Murray Harcourt Limited AQUA Limited
 As Proctor Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Rocco Design Limited
 Wilmott Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR
 THE REVISED SCHEME OF SOUTH EAST
 KOWLOON DEVELOPMENT

Drawing title
 Chromium Concentration at 2 m
 Depth - KB

Drawing no. 22936/EN/098

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Ni in 1 m depth (mg/kg)

Consultants

ARUP One Arup & Partners Hong Kong Limited

Murray Harrison Limited ACLA Limited

Au Poonford Consultants Limited Environmental Management Limited

Montgomery Watson Hong Kong Limited Rocco Design Limited

Widnell Limited

Project title

AGREEMENT NO. CE32/99

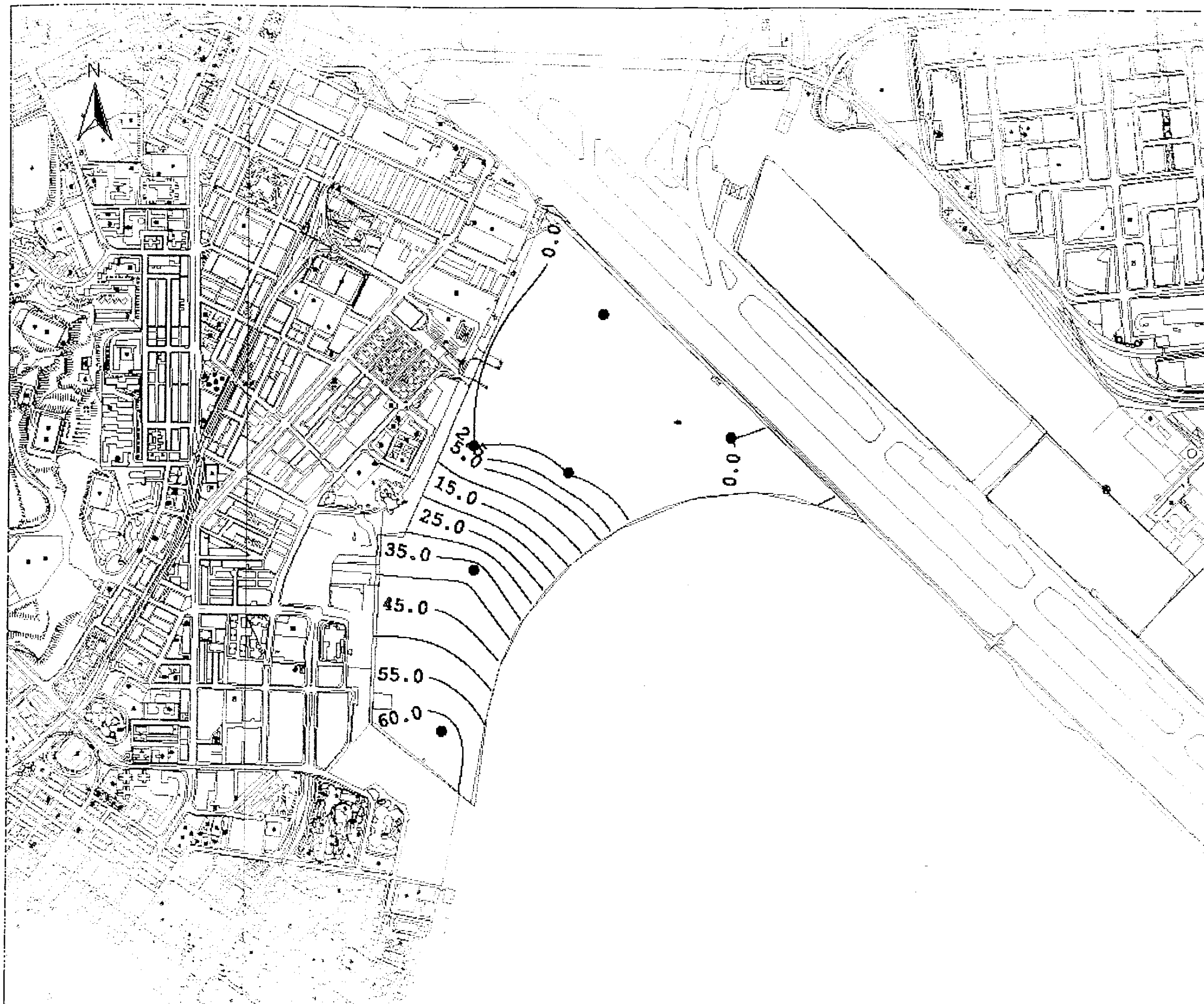
COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT

Drawing title

Nickel Concentration at 1 m Depth - KB

Drawing no. 22936/EN/099

拓展署
Territory Development
Department, Hong Kong
九龍拓展處
KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of Ni in 2 m depth (mg/kg)

Consultants
ARUP One Arup & Partners Hong Kong Limited
 Murray Harrison Limited ACLA Limited
 Au Pford Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Rocco Design Limited
 Wilmet Limited

Project title
 AGREEMENT NO. CE 32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR
 THE REVISED SCHEME OF SOUTH EAST
 KOWLOON DEVELOPMENT

Drawing title
 Nickel Concentration at 2 m
 Depth - KB

Drawing no. 22936/EN/100

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

∧ Contour Lines showing the Concentration of TOC in 1 m depth (% Dry Wt.)

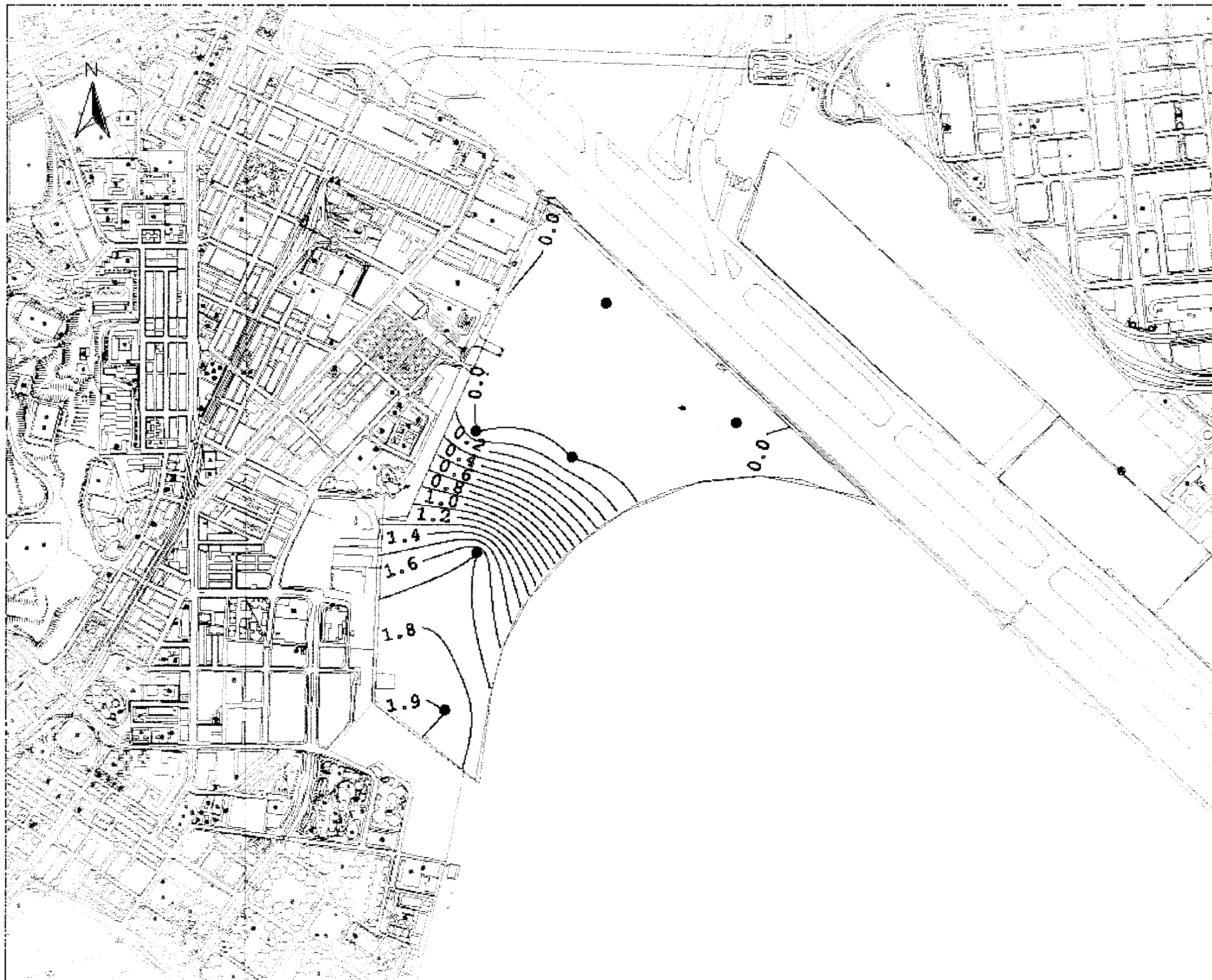
Consultants
ARUP Ove Arup & Partners Hong Kong Limited
 Murray Hanson Limited AQUA Limited
 Au Pochard Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Rocco Design Limited
 Wierell Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY
 FOR THE REVISED SCHEME OF SOUTH
 EAST KOWLOON DEVELOPMENT

Drawing title
 TOC Concentration at 1 m Depth -
 KB

Drawing no. 22936/EN/101

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of TOC in 2 m depth (% Dry Wt.)

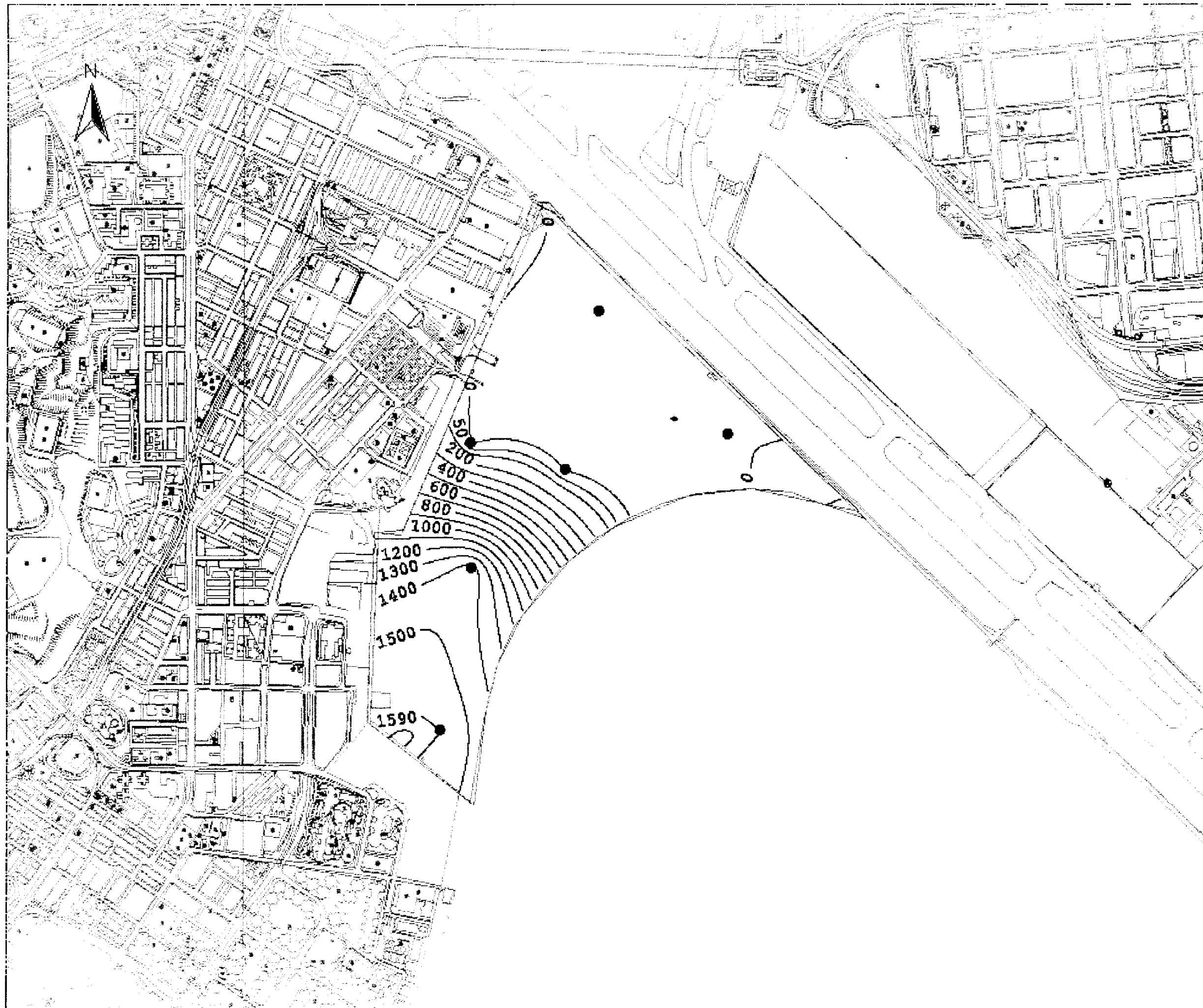
Consultants
ARUP One Arup & Partners Hong Kong Limited
 Murray Harrison Limited ACLA Limited
 Au Poonford Consultants Limited Environmental Management Limited
 Montgomery Wilson Hong Kong Limited Rocco Design Limited
 Wilmot Limited

Project title
 AGREEMENT NO. CE32/99
 COMPREHENSIVE FEASIBILITY STUDY
 FOR THE REVISED SCHEME OF SOUTH
 EAST KOWLOON DEVELOPMENT

Drawing title
 TOC Concentration at 2 m Depth -
 KB

Drawing no. 22936/EN/102

Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



LEGEND:

● Vibrocore stations

~ Contour Lines showing the Concentration of SOD in 2 m depth (mg/kg Dry Wt.)

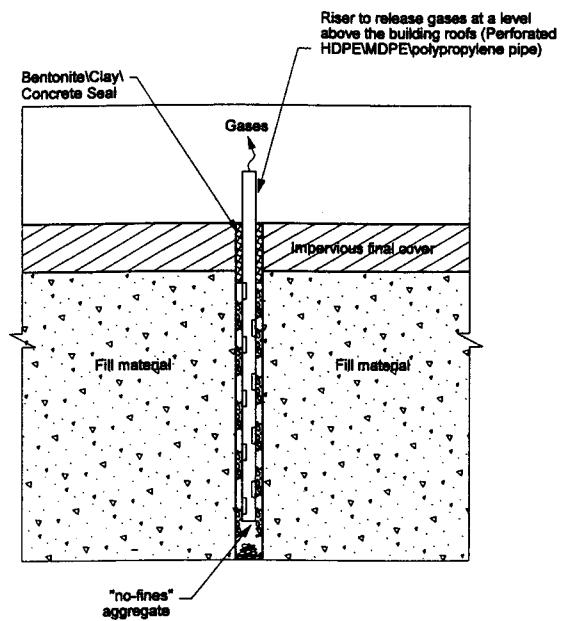
Consultants
ARUP Ove Arup & Partners Hong Kong Limited
 Murray Harrison Limited ACLA Limited
 Au Poshard Consultants Limited Environmental Management Limited
 Montgomery Watson Hong Kong Limited Rocco Design Limited
 Wilmott Limited

Project title
 AGREEMENT NO. CE 32/99
 COMPREHENSIVE FEASIBILITY STUDY FOR
 THE REVISED SCHEME OF SOUTH EAST
 KOWLOON DEVELOPMENT

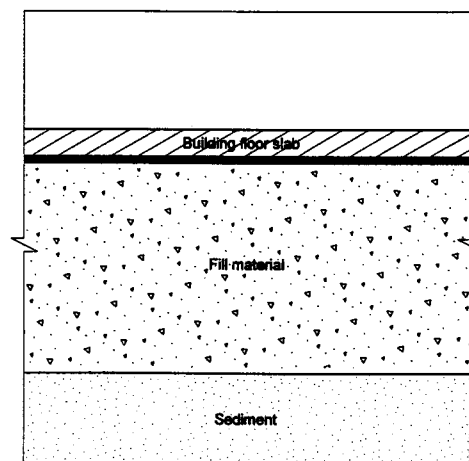
Drawing title
 SOD Concentration at 2 m Depth -
 KB

Drawing no.	22936/EN/104

拓展署
 Territory Development
 Department, Hong Kong
 九龍拓展處
 KOWLOON DEVELOPMENT OFFICE



PASSIVE VENTILATION SYSTEM



PASSIVE BARRIER

LEGEND

Rev	Description	By	Date
C			Jul_01
B			Mar_01
A			

Consultants	
ARUP	One Arup & Partners Hong Kong Limited
Murray Watson Limited	ACIA Limited
As Pacific Consultants Limited	Environmental Management Limited
Mongkarny Watson Hong Kong Limited	Process Design Limited
Wahed Limited	

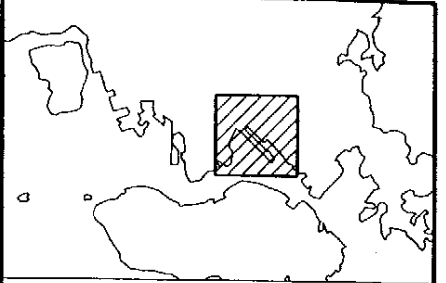
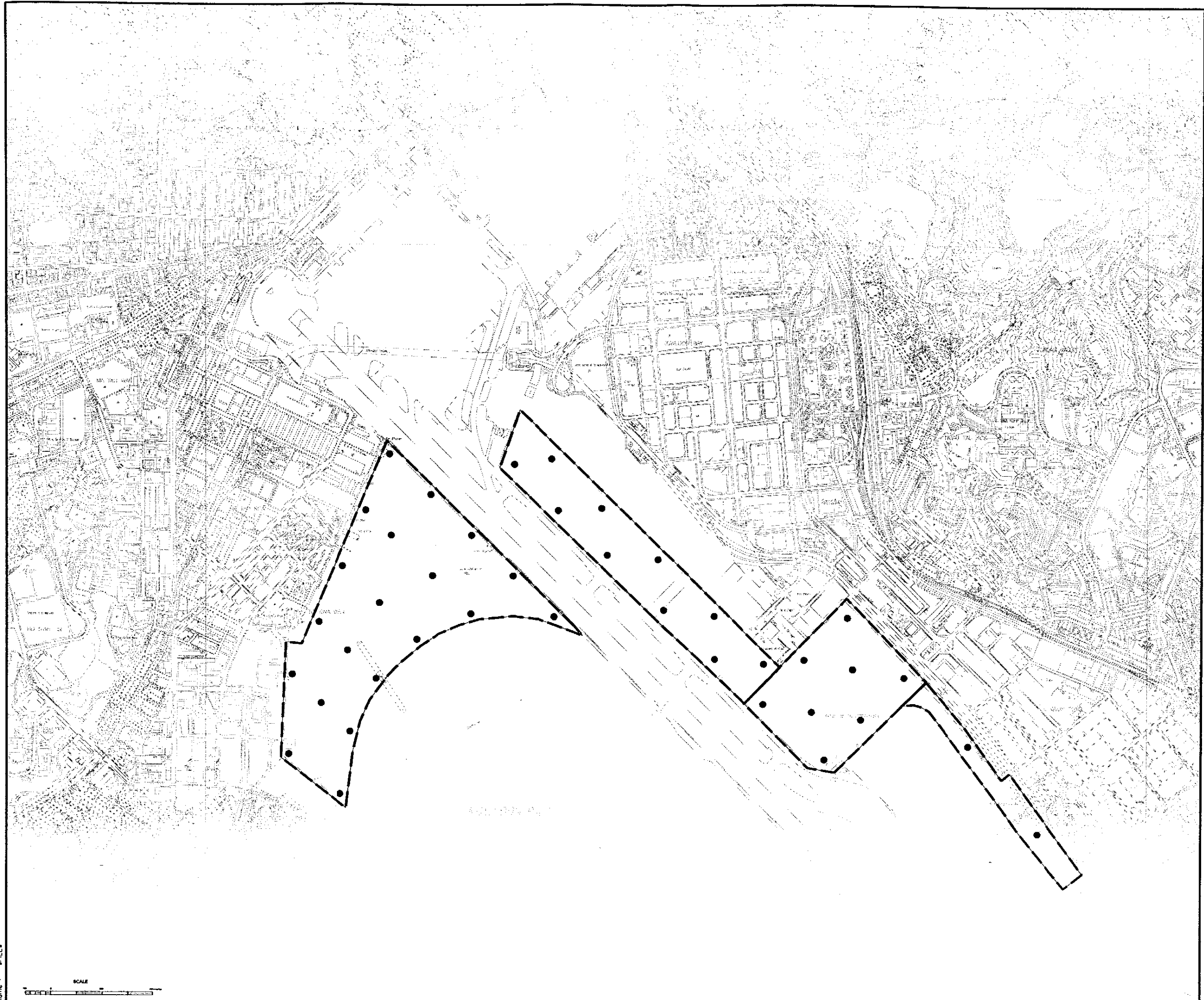
Project title
**AGREEMENT NO.CE 32/99
COMPREHENSIVE FEASIBILITY STUDY
FOR THE REVISED SCHEME OF
SOUTH EAST KOWLOON DEVELOPMENT**

Drawing title
**PASSIVE BARRIERS &
VENTILATION SYSTEMS**

Drawing no.	22936/EN/144	Rev.	C
Drawn	CCS	Date	JUL 01
Scale	NOT TO SCALE	Checked	Approved
Status	PRELIMINARY		

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九龍發展處
KOWLOON DEVELOPMENT OFFICE



KEY PLAN

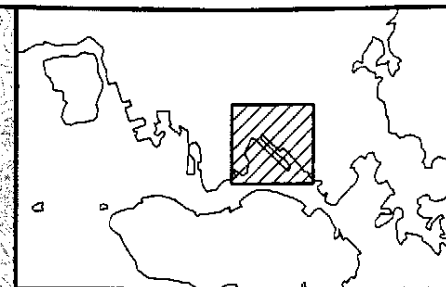
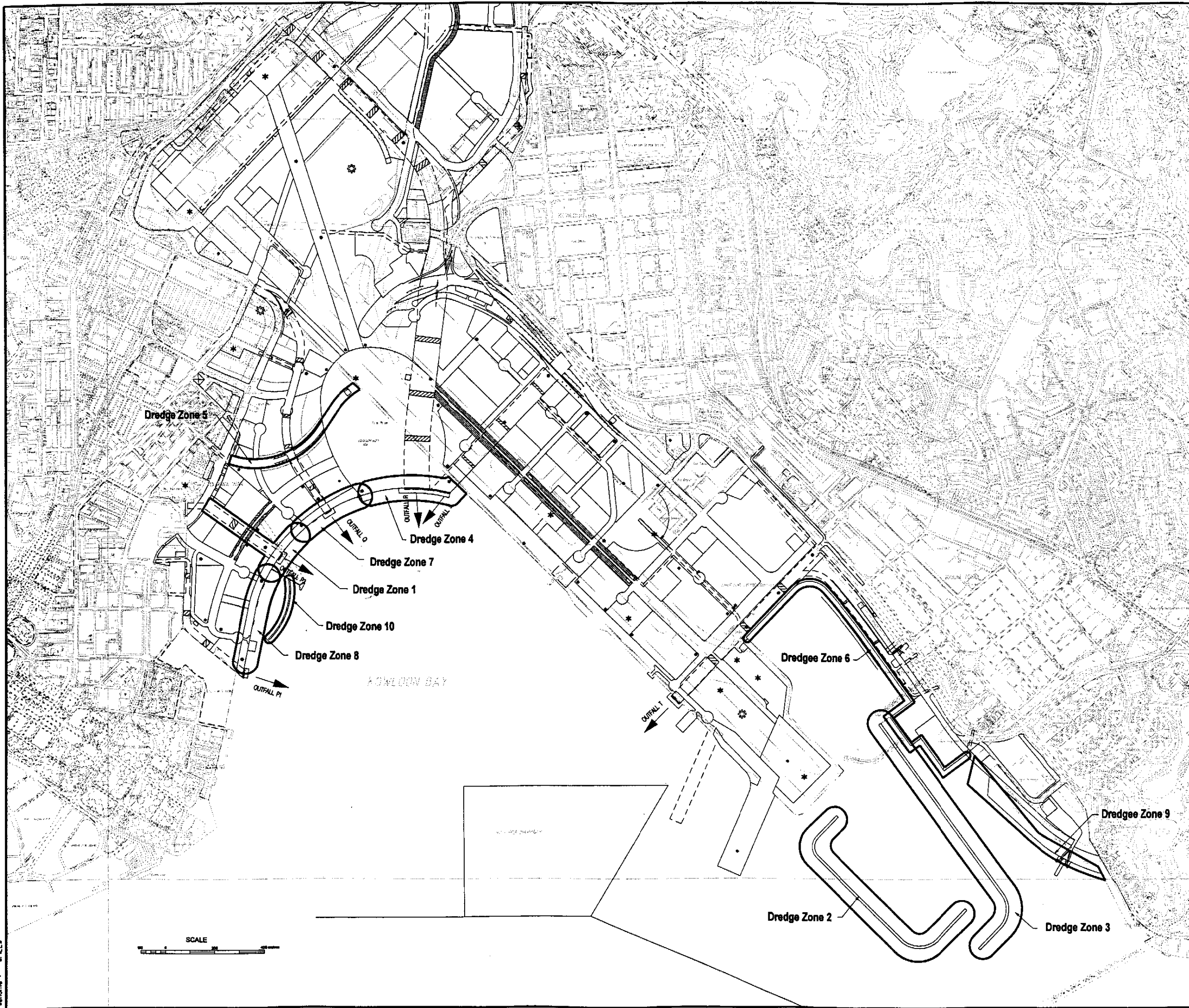
LEGEND

● Proposed monitoring borehole

Rev	Description	By	Date
B			Mar.,01
A			
Consultants ARUP One Arup & Partners Hong Kong Limited Murray Harrison Limited Au Poon Consultants Limited Montgomery Watson Hong Kong Limited Widnell Limited ACLA Limited Environmental Management Limited Rocco Design Limited			
Project title AGREEMENT NO.CE 32/99 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT			
Drawing title PROPOSED MONITORING BORE HOLE LOCATIONS			
Drawing no. 22936/EN/145		Rev. B	
Drawn	Date	Checked	Approved
Scale	DEC 00	Status	
AS SHOWN		PRELIMINARY	

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KOWLOON DEVELOPMENT OFFICE



LEGEND	
Dredging for Reclamation	Zoning
Hoi Sham (Earth Bund)	Dredge Zone 1
Western Arm of New Typhoon Shelter	Dredge Zone 2
Eastern Arm of New Typhoon Shelter	Dredge Zone 3
Hoi Sham	Dredge Zone 4
Hoi Sham (D4 Tunnel)	Dredge Zone 5
Kwun Tong Typhoon Shelter	Dredge Zone 6
Hoi Sham	Dredge Zone 7
Hoi Sham	Dredge Zone 8
Cha Kwo Ling	Dredge Zone 9
Marina	Dredge Zone 10

Rev	Description	By	Date
B			Mar 01
A			

Consultants	
ARUP Ove Arup & Partners Hong Kong Limited	
Murray Harrison Limited	ACIA Limited
Au Poonford Consultants Limited	Environmental Management Limited
Montgomery Watson Hong Kong Limited	Pacco Design Limited
Widnell Limited	

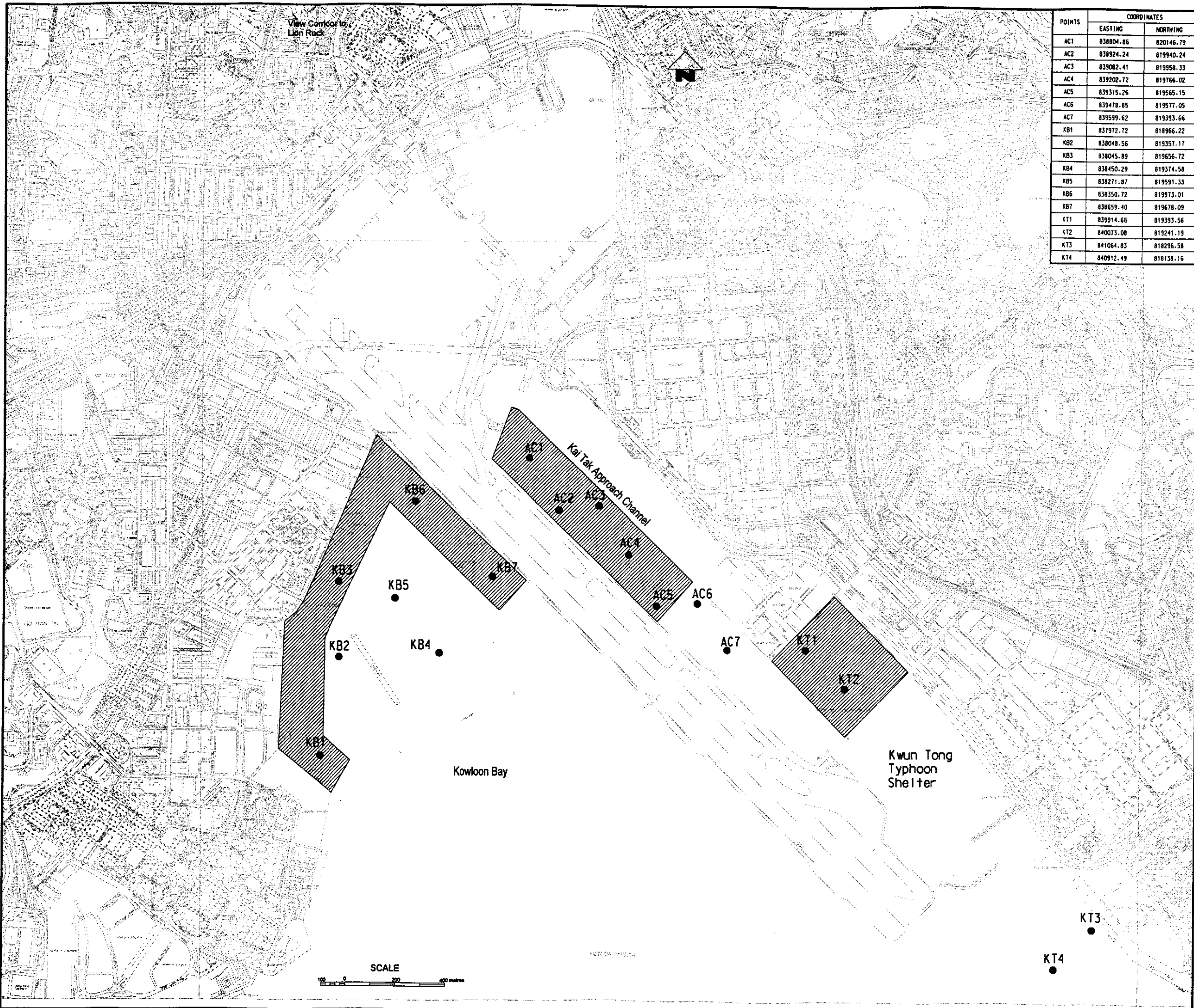
Project Title	
AGREEMENT NO. CE 32/99 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT	

Drawing Title	
DREDGING PLAN OF THE SEKD	

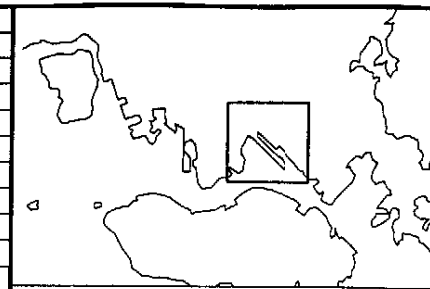
Drawing no.		Rev.	
22936/EN/192		B	
Drawn	Date	Checked	Approved
Scale	FEB 01	Status	
As shown		PRELIMINARY	

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九龍拓展處
KOWLOON DEVELOPMENT OFFICE



POINTS	COORDINATES	
	EASTING	NORTHING
AC1	838804.86	820146.79
AC2	838924.24	819940.24
AC3	839082.41	819958.33
AC4	839202.72	819766.02
AC5	839315.26	819565.15
AC6	839478.85	819577.05
AC7	839599.62	819393.66
KB1	837972.72	818966.22
KB2	838048.56	819357.17
KB3	838045.89	819656.72
KB4	838450.29	819374.58
KB5	838271.87	819591.33
KB6	838350.72	819973.01
KB7	838659.40	819678.09
KT1	839914.66	819393.56
KT2	840073.08	819241.19
KT3	841064.83	818296.58
KT4	840912.49	818138.16



KEY PLAN

Legend:

 Potential Hot Spot Area

Rev	Description	By	Date

Consultants	
ARUP Ove Arup & Partners Hong Kong Limited	
Murray Hutton Limited	ACLA Limited
Au Poonford Consultants Limited	Environmental Management Limited
Montgomery Watson Hong Kong Limited	Rocco Design Limited
Widnell Limited	

Project title
AGREEMENT NO. CE 32/99 COMPREHENSIVE FEASIBILITY STUDY FOR THE REVISED SCHEME OF SOUTH EAST KOWLOON DEVELOPMENT

Drawing title
POTENTIAL HOT SPOT AREAS

Drawing no.		Rev.	
22936/EN/355		A	
Drawn	Date	Checked	Approved
	MAR 00		
Scale		Status	
1:5000		PRELIMINARY	

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