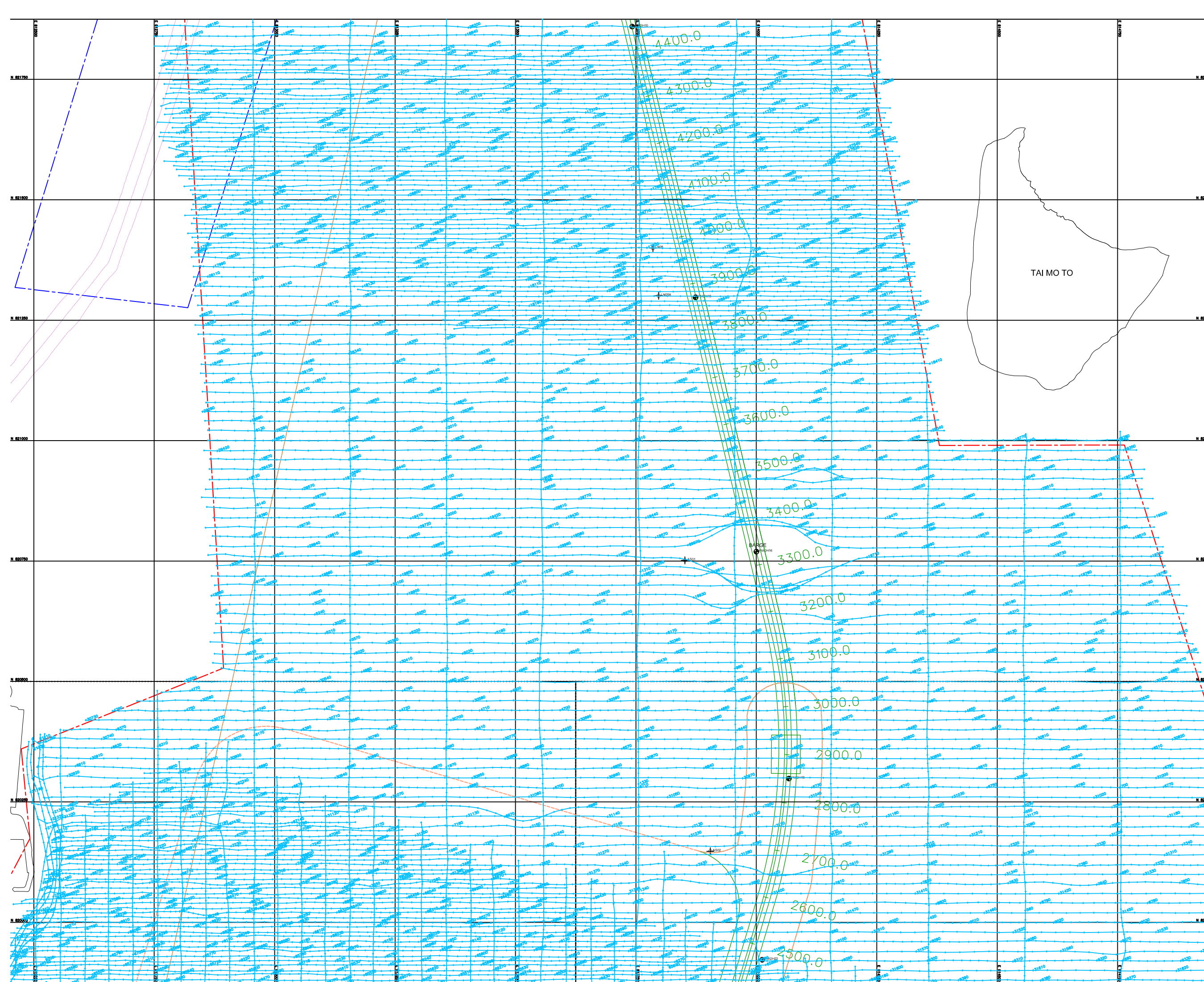


APPENDIX 12D

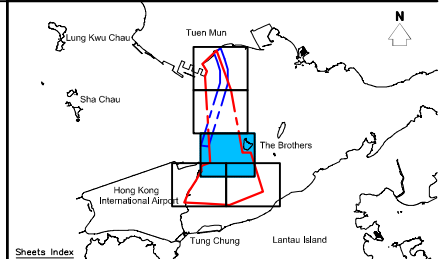
**Geophysical Surveys
Plots**

Index

Plots 1.3, 1.4, 1.5	Echo Sounding and Swath Bathymetry Track Plots
Plots 2.3, 2.4, 2.5	Seismic and Side Scan Sonar Track Plots
Plots 4.3, 4.4, 4.5	Colour Contoured Swath Bathymetry Plans
Plots 5.3, 5.4, 5.5	Contoured Levels at the Base of Marine Deposits
Plots 6.3, 6.4, 6.5	Contoured Levels on Top of Rock in Any State of Decomposition
Plots 7.3, 7.4, 7.5	Contoured Levels on Top of Presumed Moderately Decomposed Rock
Plots 8.3, 8.4, 8.5	Isopachs of Marine Deposits
Plots 9.3, 9.4, 9.5	Isopachs of Alluvium
Plots 10.3, 10.4, 10.5	Isopachs of Rock in Any State of Decomposition
Plots 11.3, 11.4, 11.5	Sea Bed Features and Cable Alignments



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Echo sounding and swath bathymetry track with fix positions
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 1.3
 Drawing Title : ECHO SOUNDING AND SWATH BATHYMETRY TRACK PLOTS

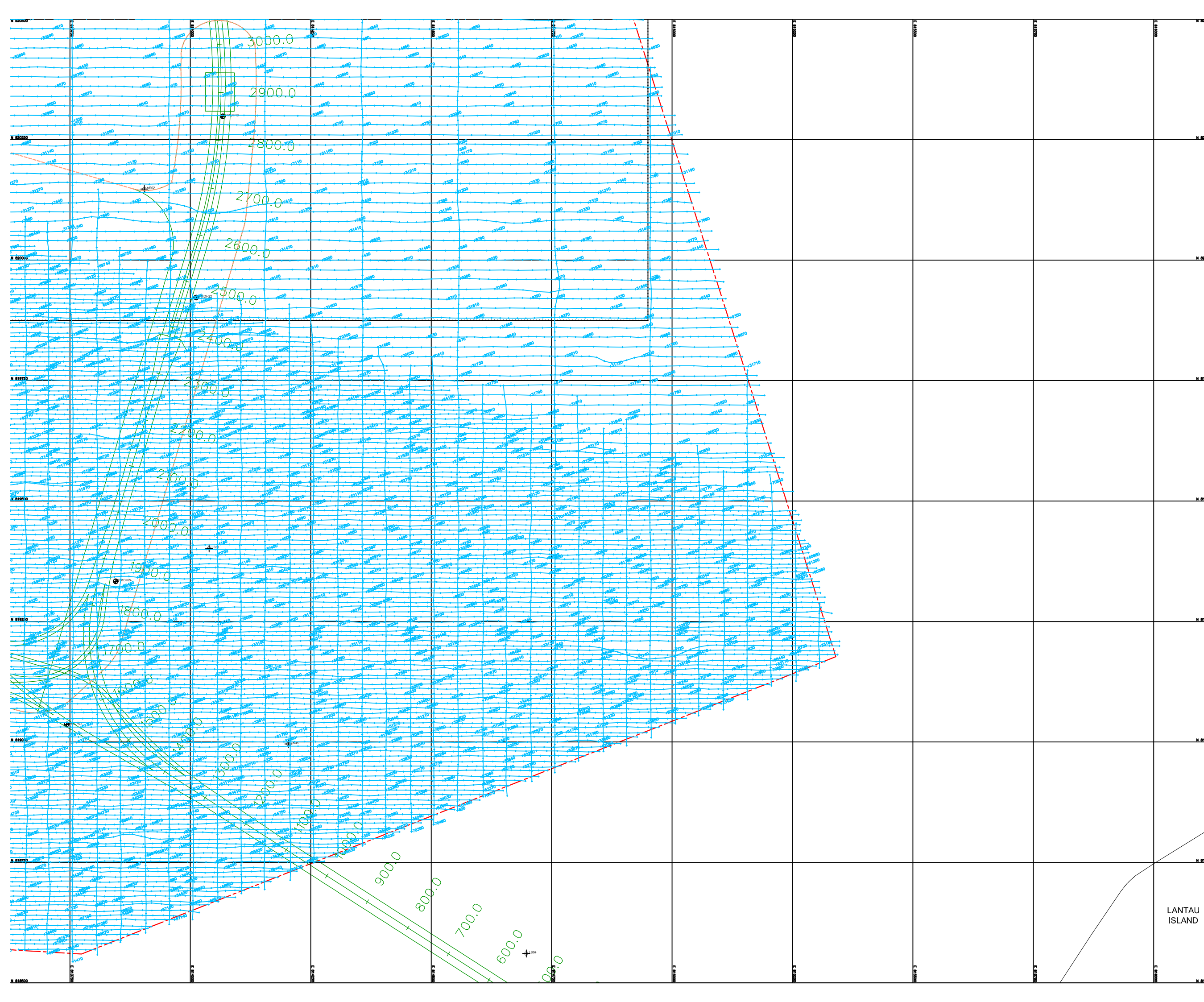
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Bomer System
Seaply Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

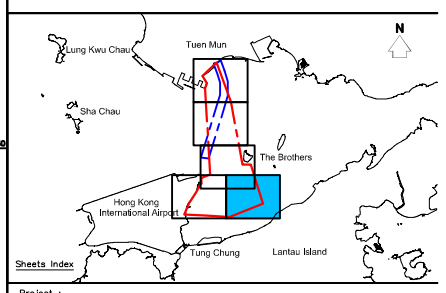
METRIC SCALE 1:2,500
 125 100 75 50 25 0 125 250

Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Des Voeux Road, Central, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: CEDD
 Job No.: HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Echo sounding and swath bathymetry track with fix positions
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



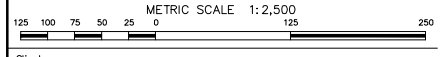
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 14

Drawing Title : **ECHO SOUNDING AND SWATH BATHYMETRY TRACK PLOTS**

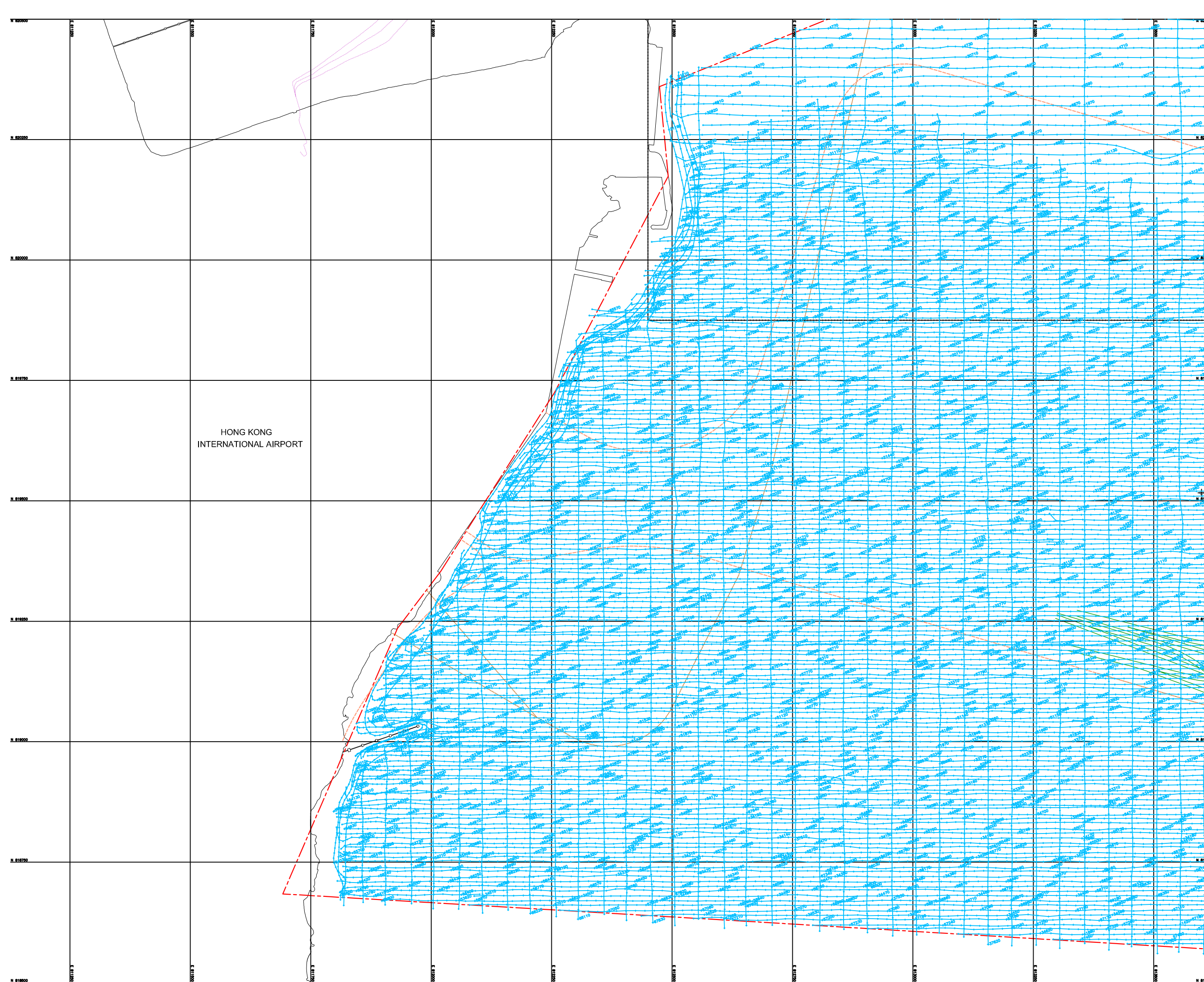
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and Development Department

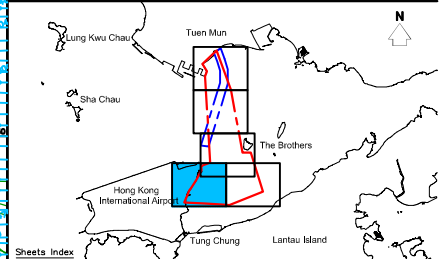
Surveyor : EGS (ASIA) LIMITED
 11/F, 111 Des Voeux Road West, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: sales@egs.com.hk
 Website: www.egs.com.hk



HONG KONG
INTERNATIONAL AIRPORT



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Echo sounding and swath bathymetry track with fix positions
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



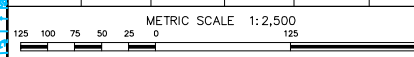
Project : CONTACT NUMBER GE/2007/04
GEOPHYSICAL SURVEY (TERM CONTRACT)
WORKS ORDER NUMBER GE/2007/04.20
AGREEMENT NO. CE 52/2007 (HY)
TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 1.5
Drawing Title :

ECHO SOUNDING AND SWATH BATHYMETRY TRACK PLOTS

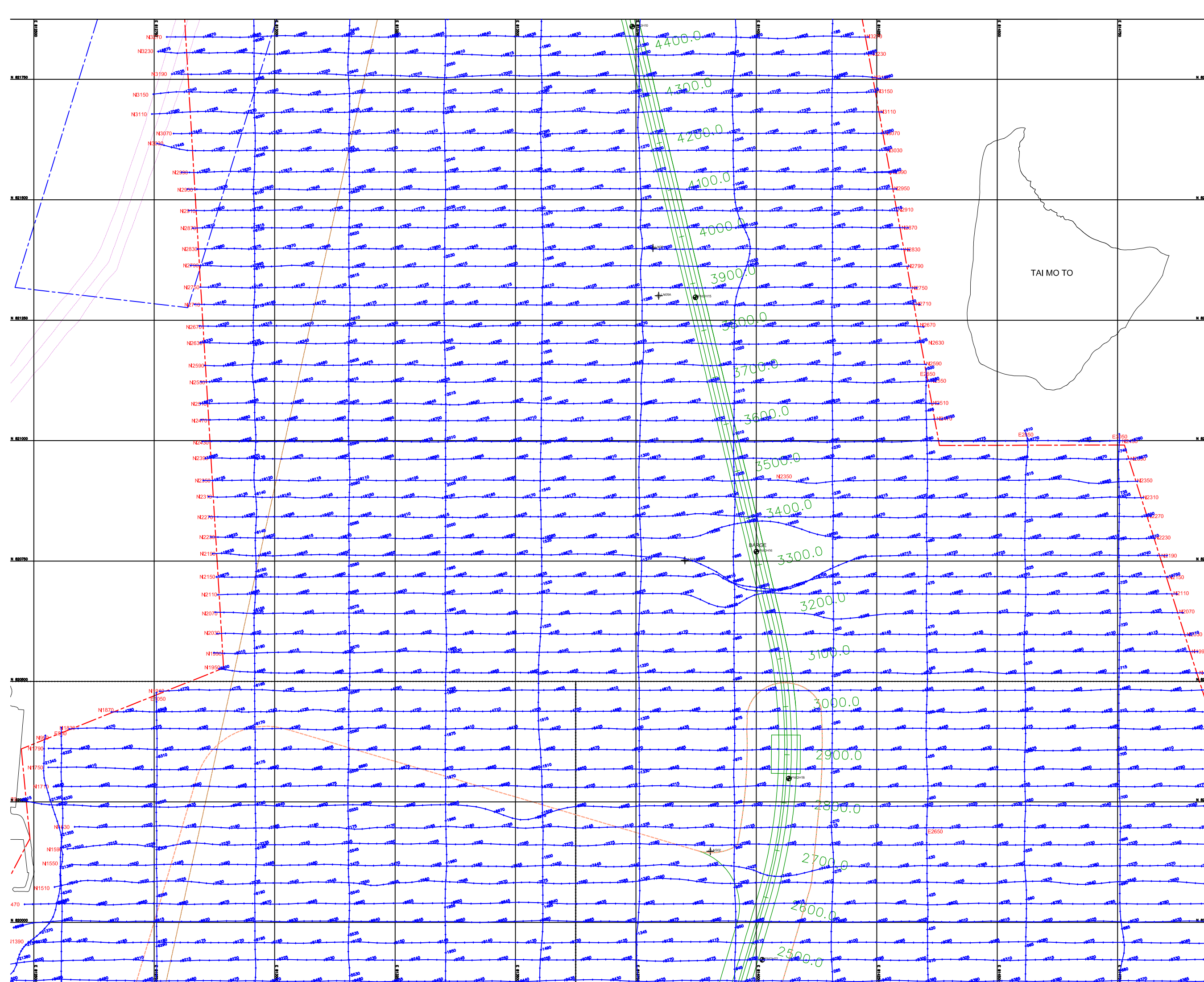
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - ESS Boomer System
 - Geospy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

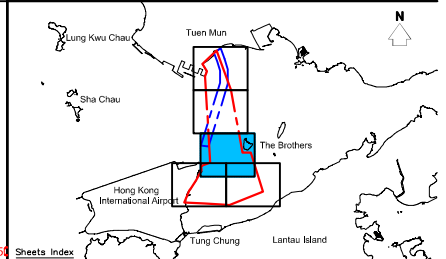


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Des Voeux Road, Central, Hong Kong
 Tel: (852) 2522 8888
 Fax: (852) 2522 8889
 Email: info@egs.com.hk
 Website: www.egs.com.hk



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Hydrophone and side scan sonar track with fix positions and line no.
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 23
 Drawing Title : SEISMIC AND SIDE SCAN SONAR TRACK PLOTS

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Hav GcGPS (Globally corrected GPS)
 5. Equipment :
 - ESS Boomer System
 - Seaply Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

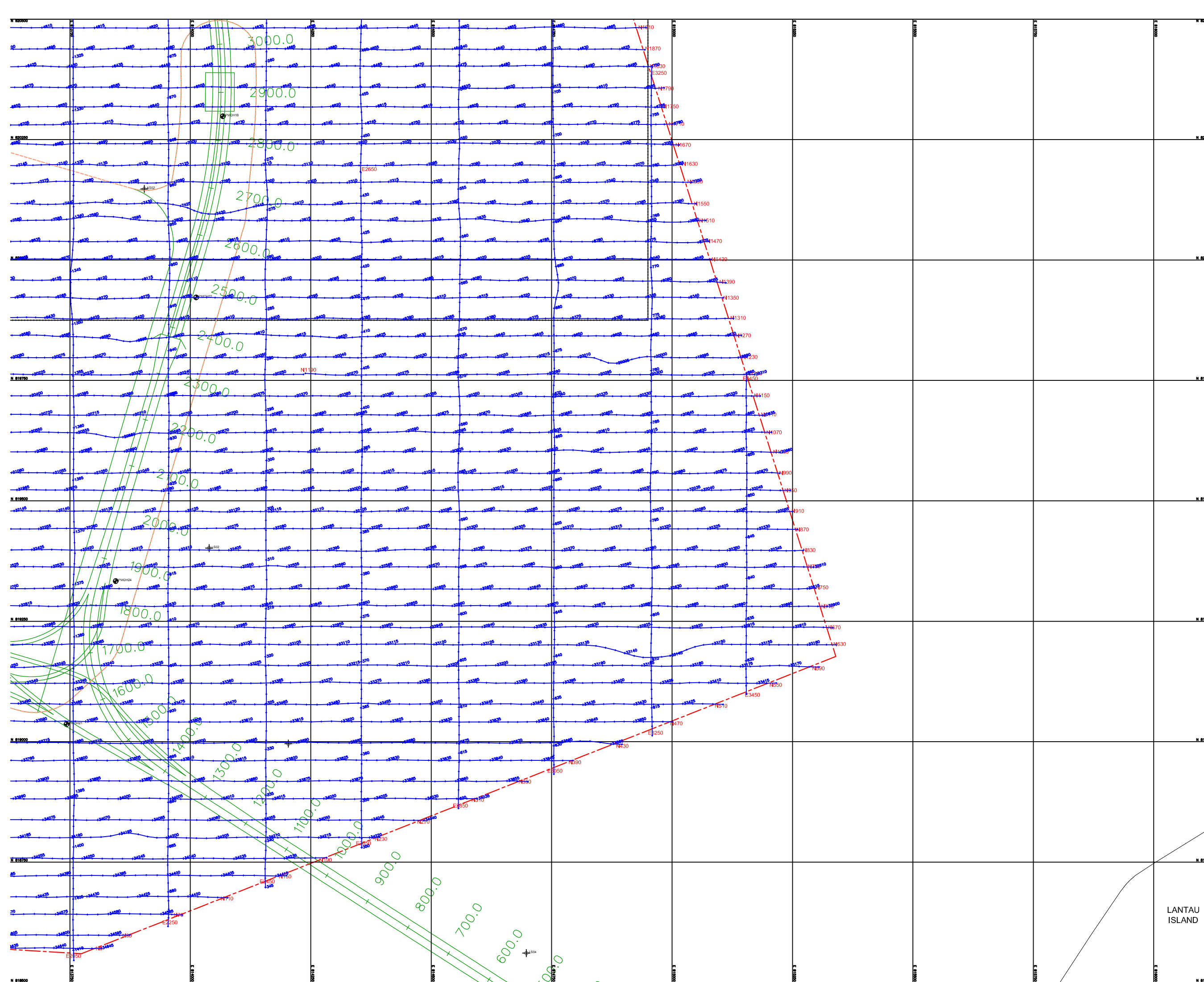
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

METRIC SCALE 1:2,500
 125 100 75 50 25 0 125 250

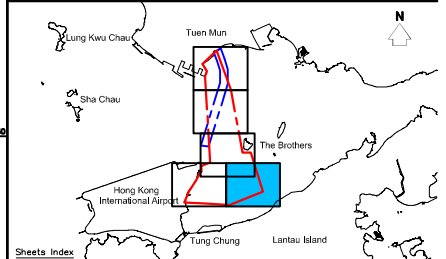
Client : Civil Engineering and Development Department

Surveyor : EGS (ASIAL) LIMITED
 11/F, 118 Des Voeux Road, Central, Hong Kong
 Tel: 2862 2222 Fax: 2862 2223
 Email: sales@egs.com.hk

Job No. : HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Hydrophone and side scan sonar track with fix positions and line no.
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 24

Drawing Title : SEISMIC AND SIDE SCAN SONAR TRACK PLOTS

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

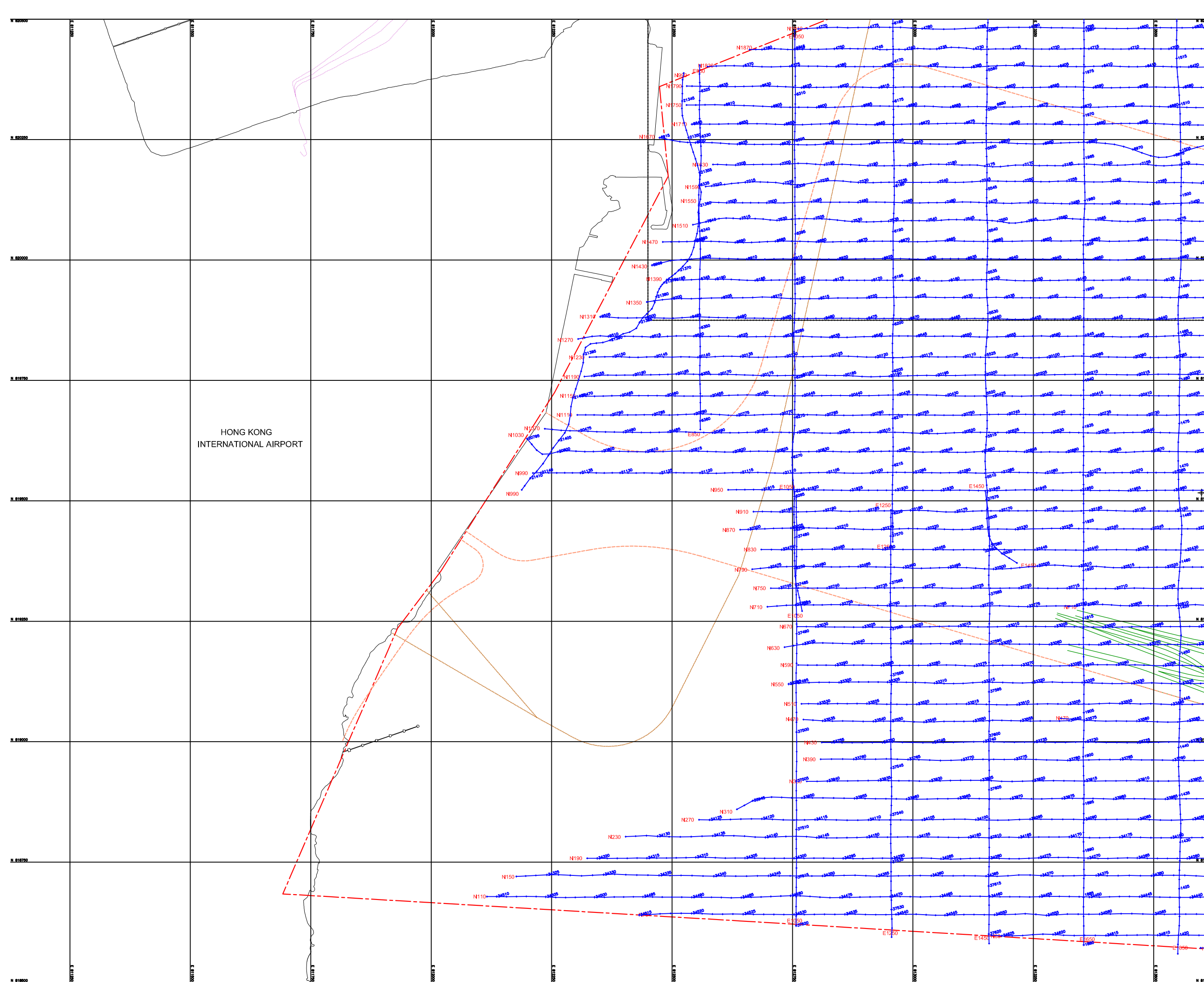
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

METRIC SCALE 1:2,500
 125 100 75 50 25 0 125 250

Client : Civil Engineering and Development Department

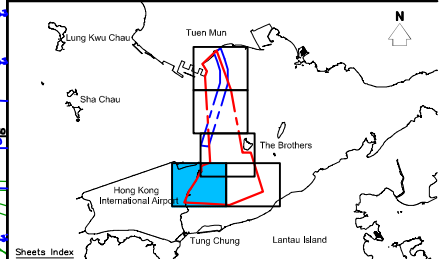
Surveyor : EGS (ASIAL) LIMITED
 11/F, 118 Des Voeux Road, Central, Hong Kong
 Tel: (852) 2522 8888
 Fax: (852) 2522 8889
 Email: info@egs.com.hk
 Website: www.egs.com.hk

JOB NO. : HK213608



HONG KONG
INTERNATIONAL AIRPORT

- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Hydrophone and side scan sonar track with fix positions and line no.
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
GEOPHYSICAL SURVEY (TERM CONTRACT)
WORKS ORDER NUMBER GE/2007/04.20
AGREEMENT NO. CE 52/2007 (HY)
TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 2.5
Drawing Title : SEISMIC AND SIDE SCAN SONAR TRACK PLOTS

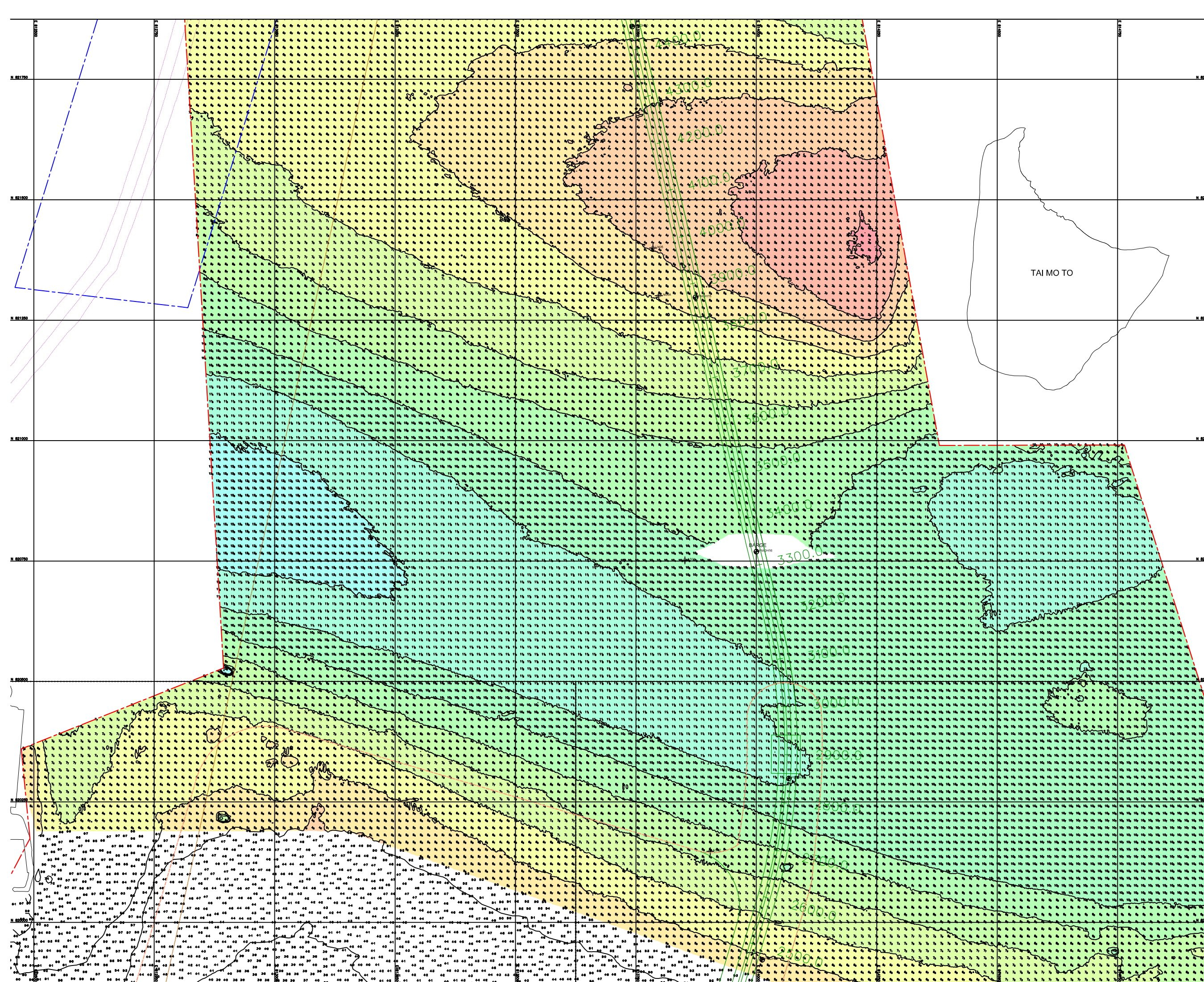
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Hov GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaspy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

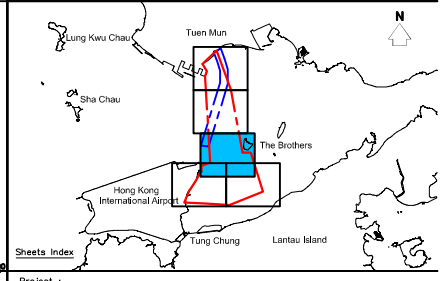
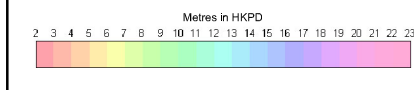
METRIC SCALE 1:2,500
125 100 75 50 25 0 125 250

Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
10/F, 100, Des Voeux Road, Central, Hong Kong
Tel: 2862 8888 Fax: 2862 8889
www.egs.com.hk



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Gridded data in metres below HKPD
 - Sounding data in metres above/below HKPD
 - Contour at 1 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout

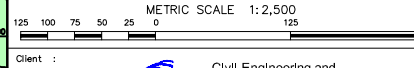


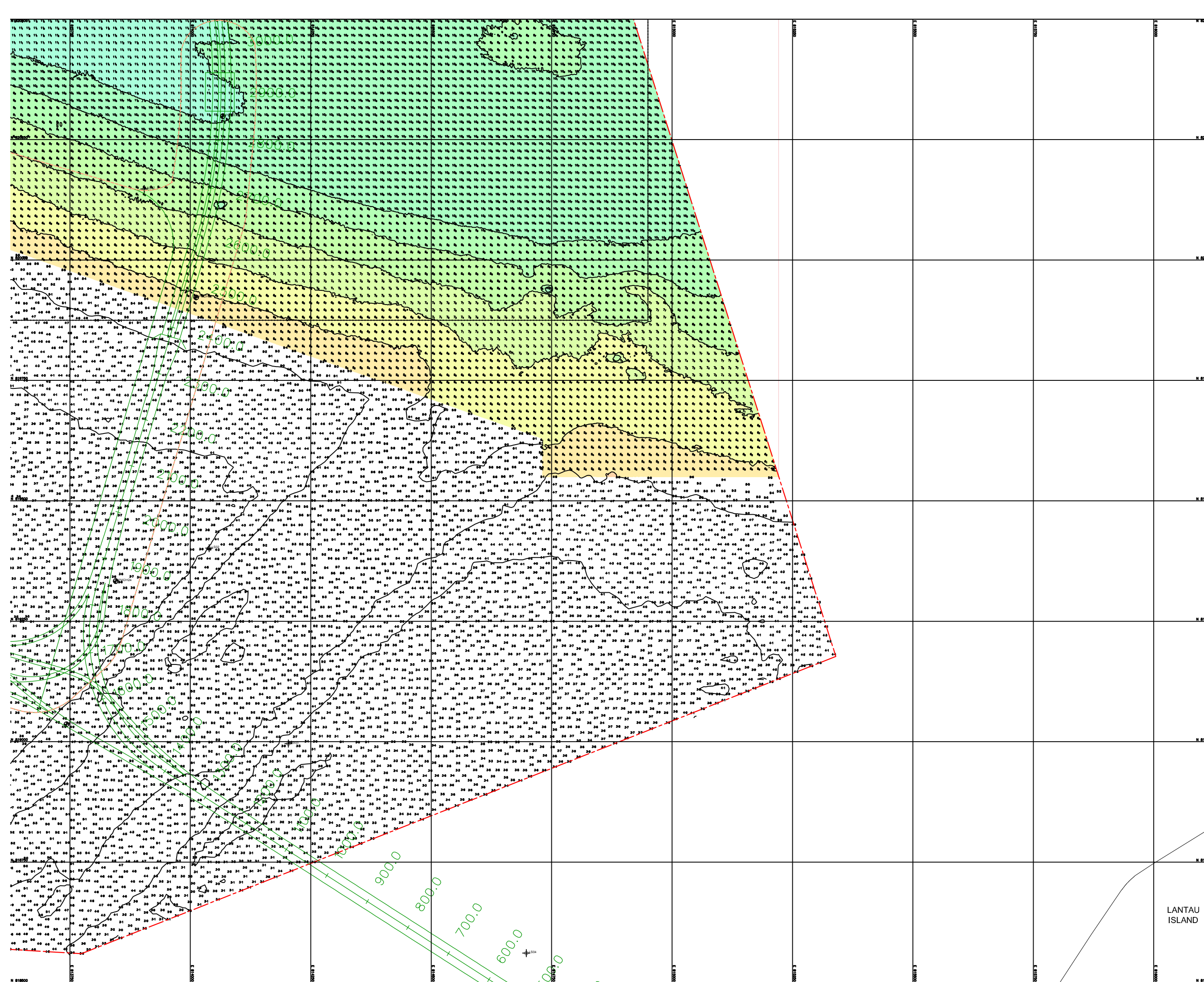
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 4.3
 Drawing Title : COLOUR CONTOURED SWATH BATHYMETRY PLANS

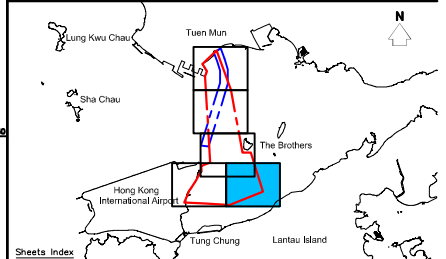
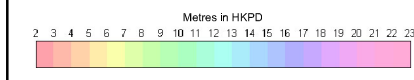
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaply Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final





- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Gridded data in metres below HKPD
 - Sounding data in metres above/below HKPD
 - Contour at 1 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



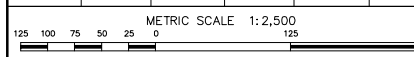
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 44

Drawing Title : COLOUR CONTOURED SWATH BATHYMETRY PLANS

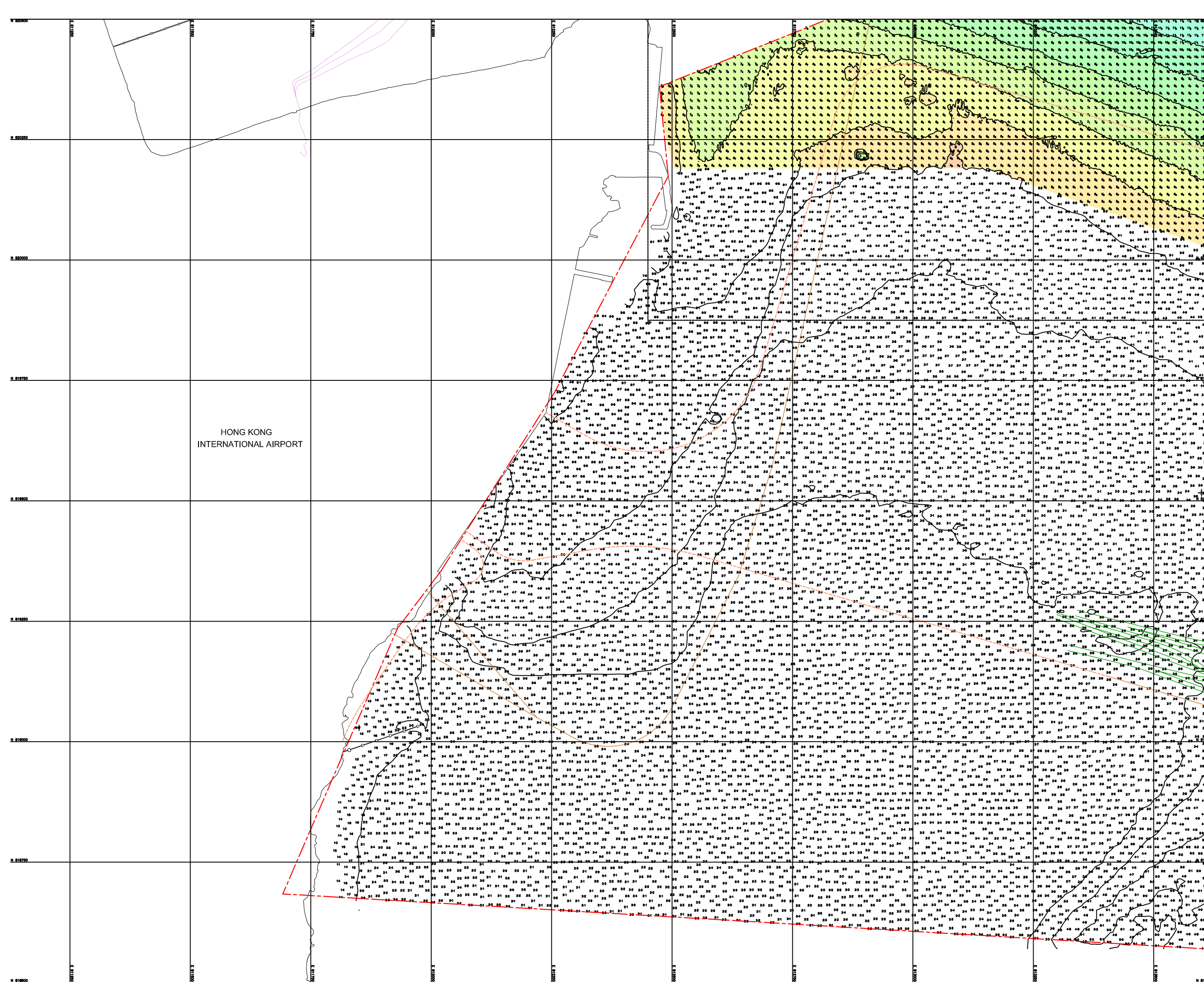
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaspy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and Development Department

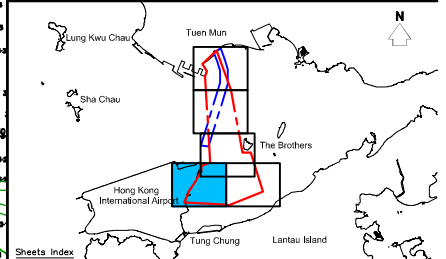
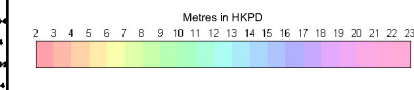
Surveyor : EGS (ASIA) LIMITED
 11/F, 118 Des Voeux Road East, Hong Kong
 Tel: 2522 8888 Fax: 2522 8889
 Email: info@egs.com.hk
 Job No. : HK213608



HONG KONG
INTERNATIONAL AIRPORT



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Gridded data in metres below HKPD
 - Sounding data in metres above/below HKPD
 - Contour at 1 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout

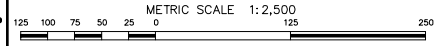


Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 4.5
 Drawing Title : COLOUR CONTOURED SWATH BATHYMETRY PLANS

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaply Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department.

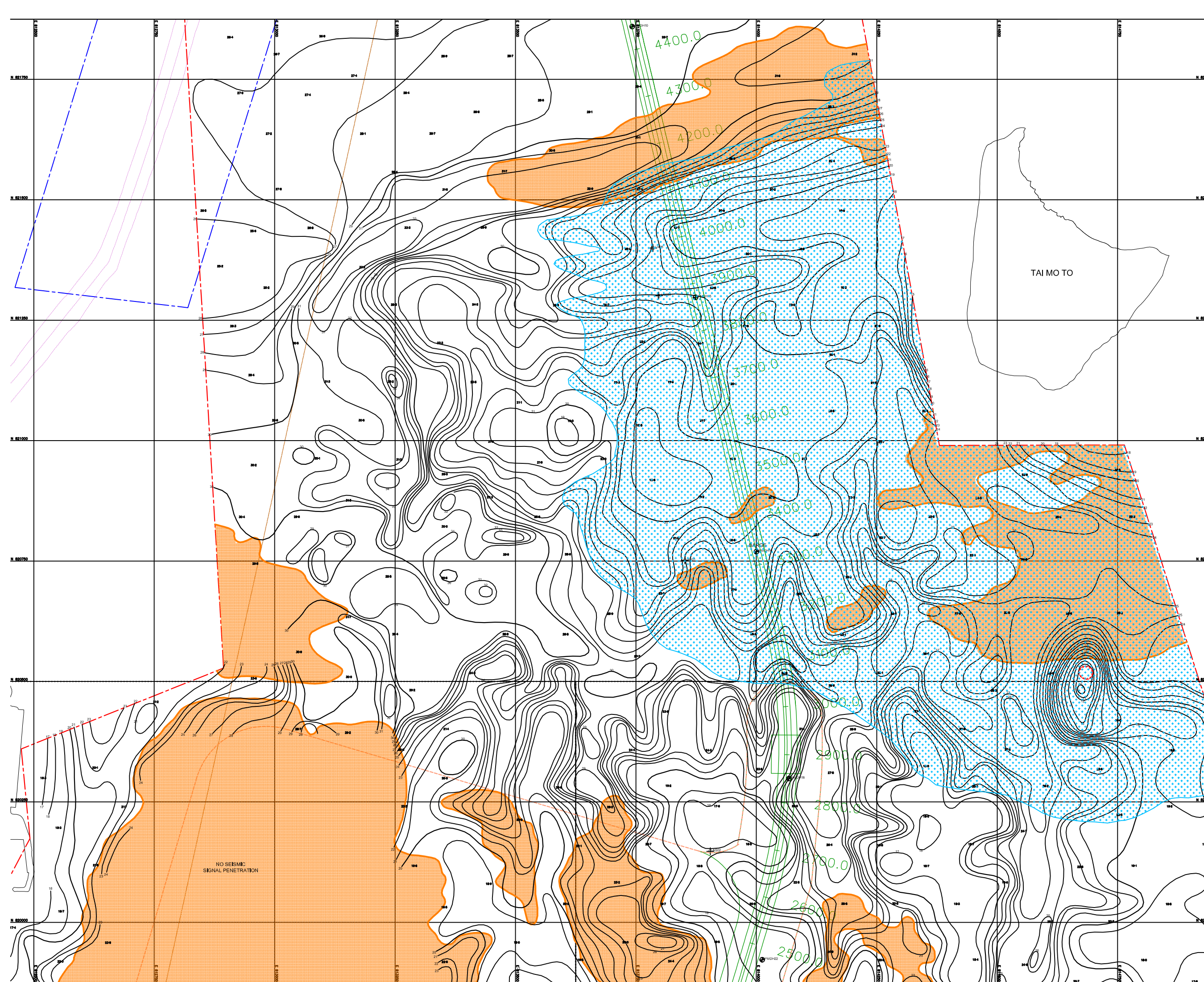
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

















Client : Civil Engineering and Development Department

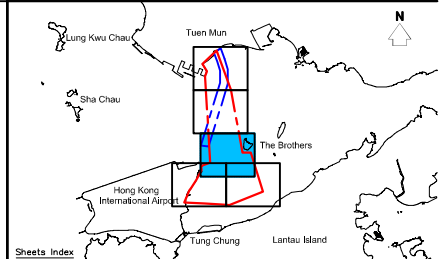
Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Des Voeux Road, Central, Hong Kong
 Tel: 2862 2222
 Fax: 2862 2222
 Email: info@egs.com.hk
 Website: www.egs.com.hk

JOB NO. : HK213608



Legend :

-  Vibrocure location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Contour at 1 metre interval
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



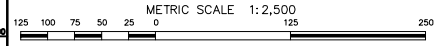
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS


PLOT NUMBER : 5.3

Drawing Title :
**CONTOURED LEVELS
 AT THE BASE OF MARINE DEPOSITS**

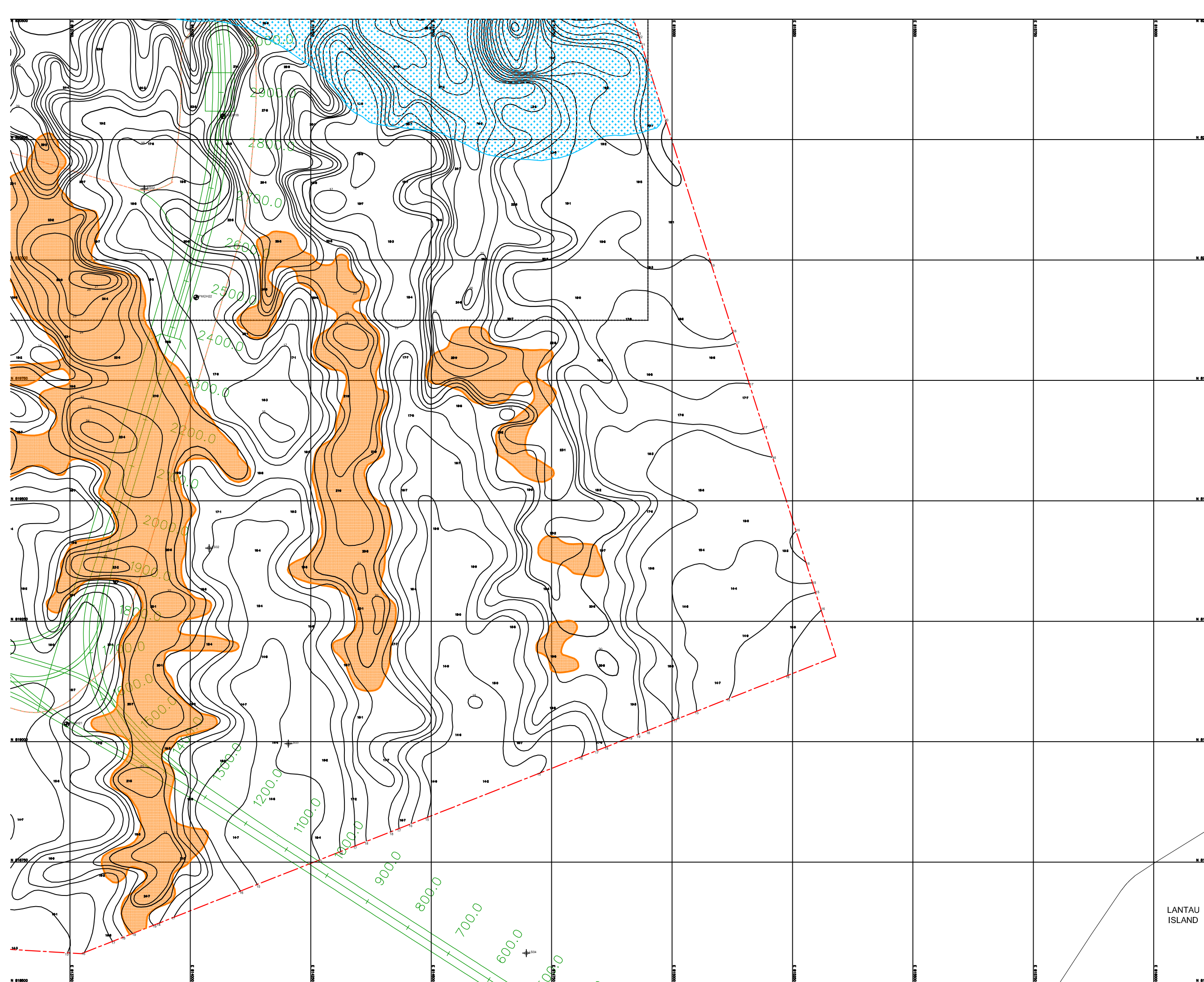
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

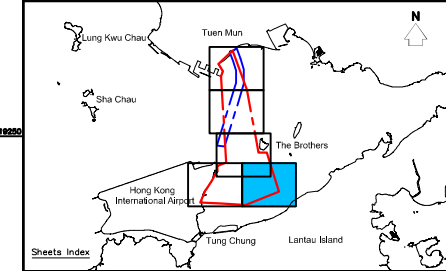


Client :  Civil Engineering and Development Department

Surveyor :  EGS (ASIA) LIMITED
 11/F, 118 Des Voeux Road East, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: CEDD & OMB
 Job No. : HK213608



- Legend :
- Vibrocure location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 1 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



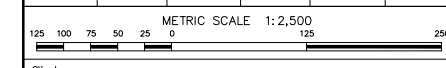
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 54

Drawing Title : **CONTOURED LEVELS
 AT THE BASE OF MARINE DEPOSITS**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaspy Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

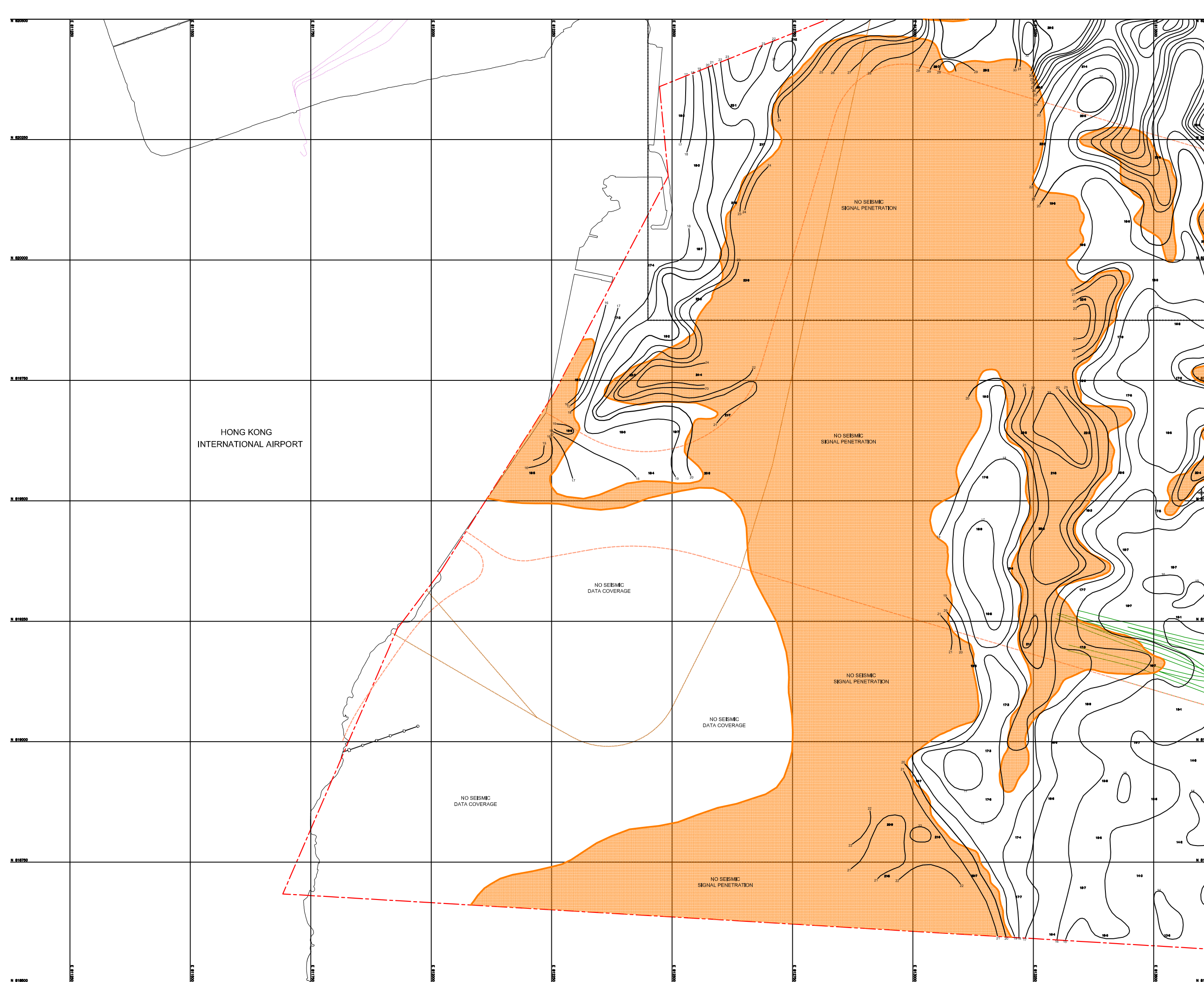
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 11/F, 110, Des Voeux Road, Central, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: Survey & Mapping















LANTAU ISLAND

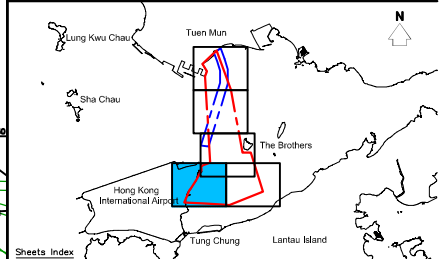


HONG KONG
INTERNATIONAL AIRPORT



Legend :

-  Vibrocore location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Contour at 1 metre interval
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



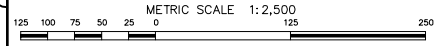
Project : CONTACT NUMBER GE/2007/04
GEOPHYSICAL SURVEY (TERM CONTRACT)
WORKS ORDER NUMBER GE/2007/04.20
AGREEMENT NO. CE 52/2007 (HY)
TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
PROPOSED MARINE GEOPHYSICAL SURVEYS


PLOT NUMBER : 5.5

Drawing Title :
**CONTOURED LEVELS
AT THE BASE OF MARINE DEPOSITS**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Hav GcGPS (Globally corrected GPS)
 5. Equipment :
 - ESB Boomer System
 - Seaspy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

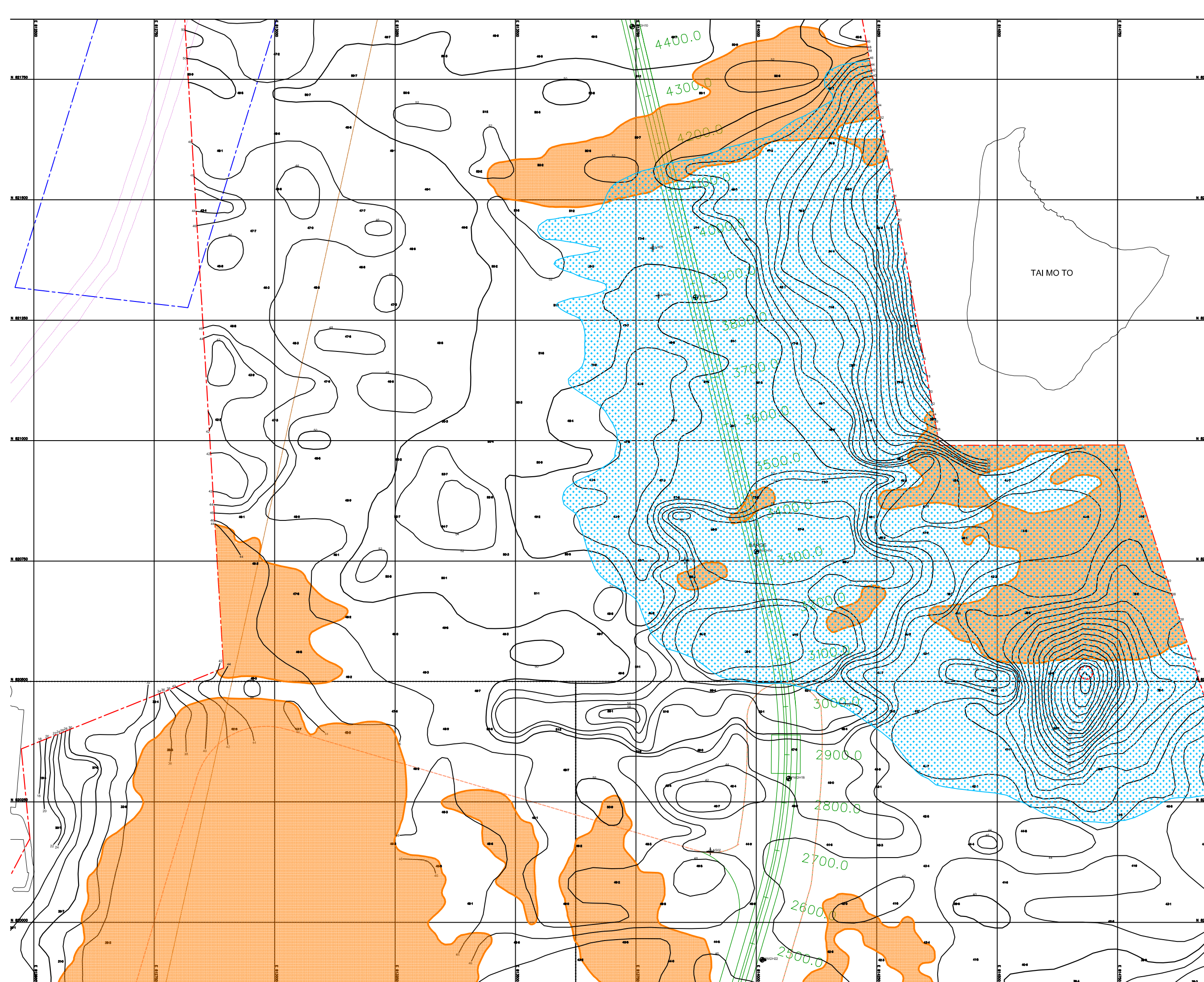
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

















Client :  Civil Engineering and
Development Department

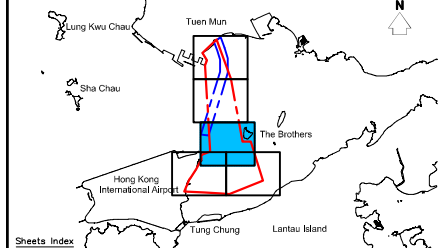
Surveyor :  EGS (ASIA) LIMITED
10/F, SOUTH CHINA SQUARE,
281 HONG KONG AVENUE,
HONG KONG.
Tel: 3422 3333
Fax: 3422 3333
www.egs.com.hk

JOB NO. : HK213608



Legend :

-  Vibrocore location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Contour at 2 metre intervals
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS


PLOT NUMBER : 6.3

Drawing Title :
**CONTOURED LEVELS ON TOP OF ROCK
 IN ANY STATE OF DECOMPOSITION**

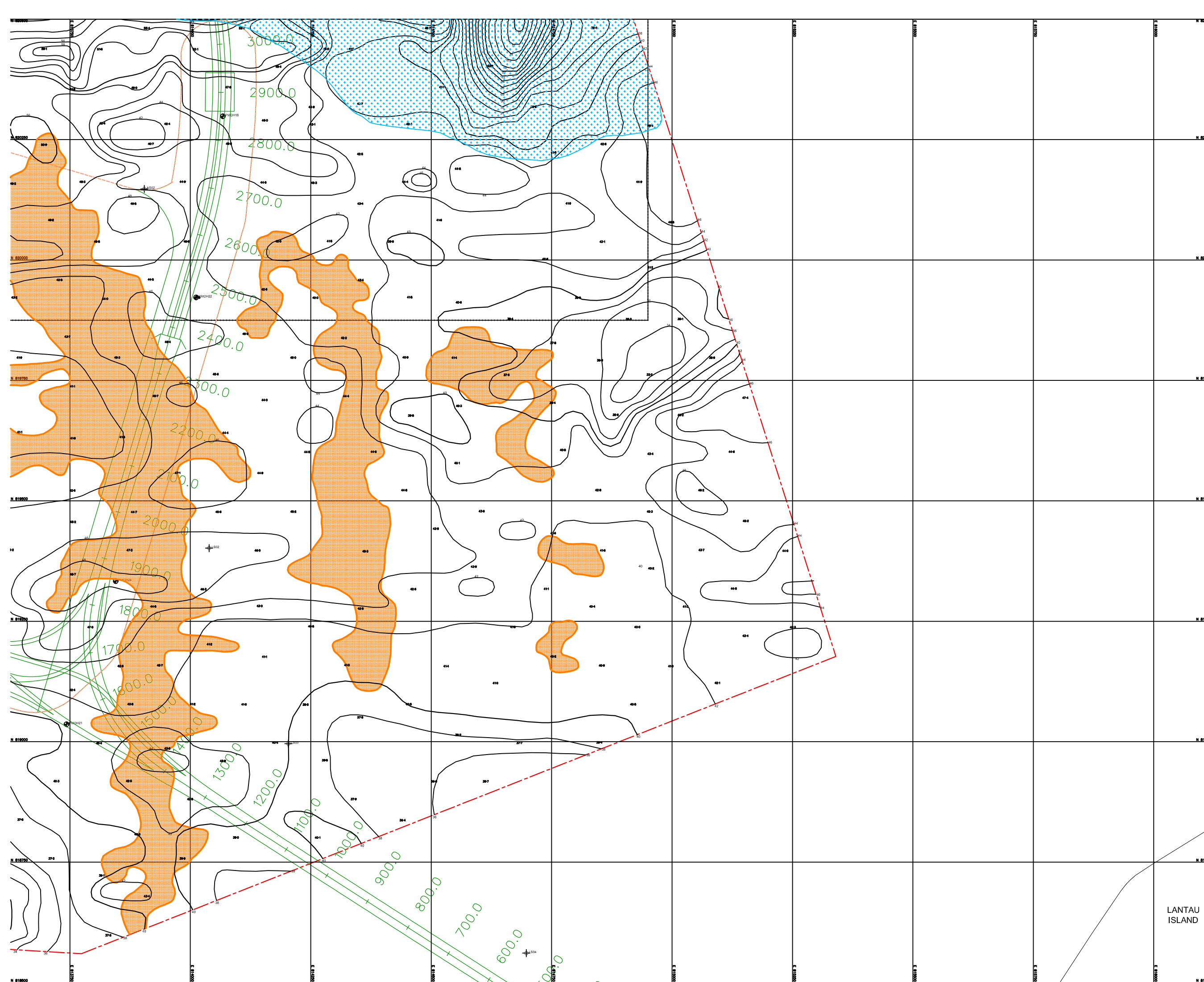
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

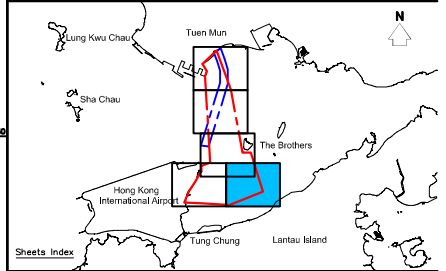
METRIC SCALE 1:2,500

Client :  Civil Engineering and Development Department

Surveyor :  EGS (ASIA) LIMITED
 11/F, 111 Des Voeux Road East, Hong Kong
 Tel: +852 2500 8888
 Fax: +852 2500 8889
 Email: info@egs.com.hk
 Website: www.egs.com.hk



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 2 metre intervals
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



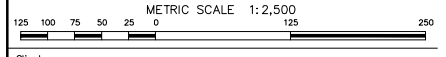
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 64

Drawing Title :
**CONTOURED LEVELS ON TOP OF ROCK
 IN ANY STATE OF DECOMPOSITION**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaspy Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

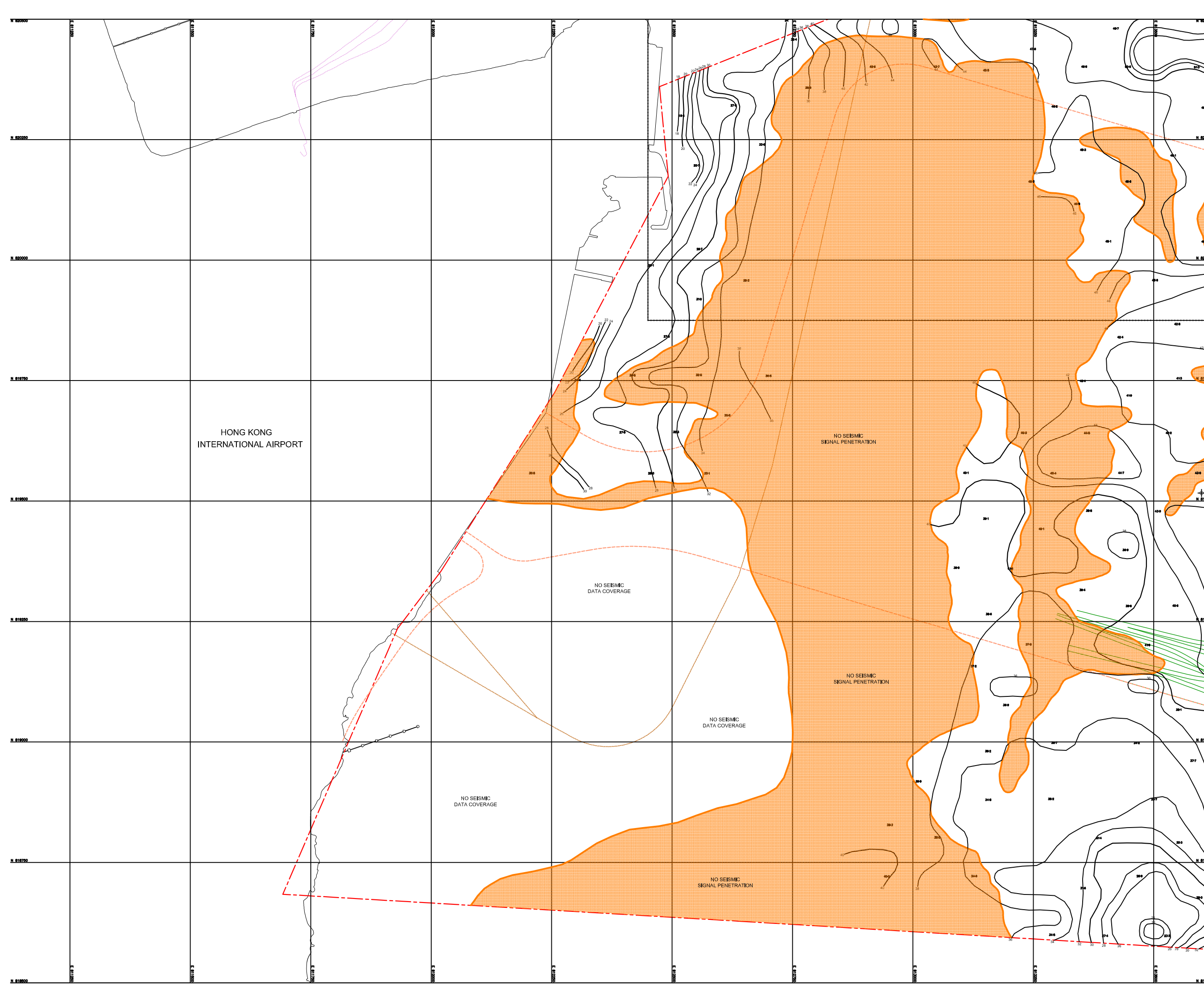
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



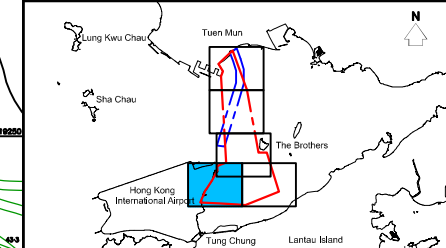
Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Queen's Road East, Hong Kong
 Tel: 852 2522 8888
 Fax: 852 2522 8888
 Email: info@egs.com.hk
 Website: www.egs.com.hk

LANTAU ISLAND



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 2 metre intervals
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



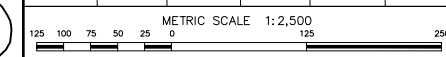
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 6.5

**CONTOURED LEVELS ON TOP OF ROCK
 IN ANY STATE OF DECOMPOSITION**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Hov GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaspy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

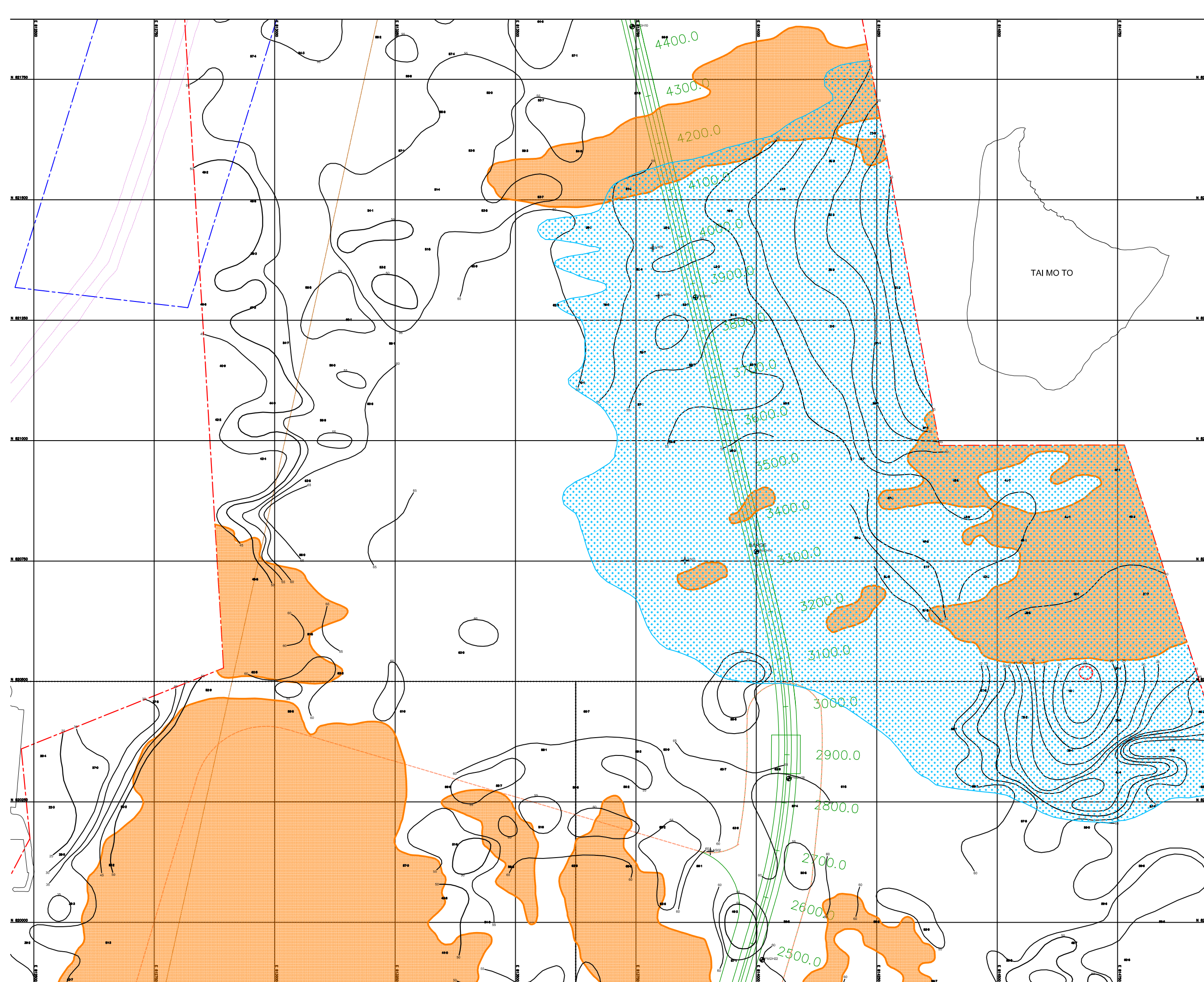
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



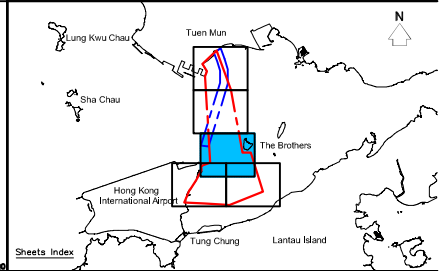
Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, QUEEN'S ROAD EAST, HONG KONG
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk

JOB NO. : HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Spot value in metres below HKPD (from gravity survey, EGS report no. HK19084)
 - Contour at 5 metre intervals
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



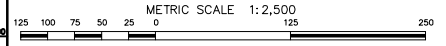
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 7.3

Drawing Title :
 CONTOURED LEVELS ON TOP OF
 PRESUMED MODERATELY DECOMPOSED ROCK

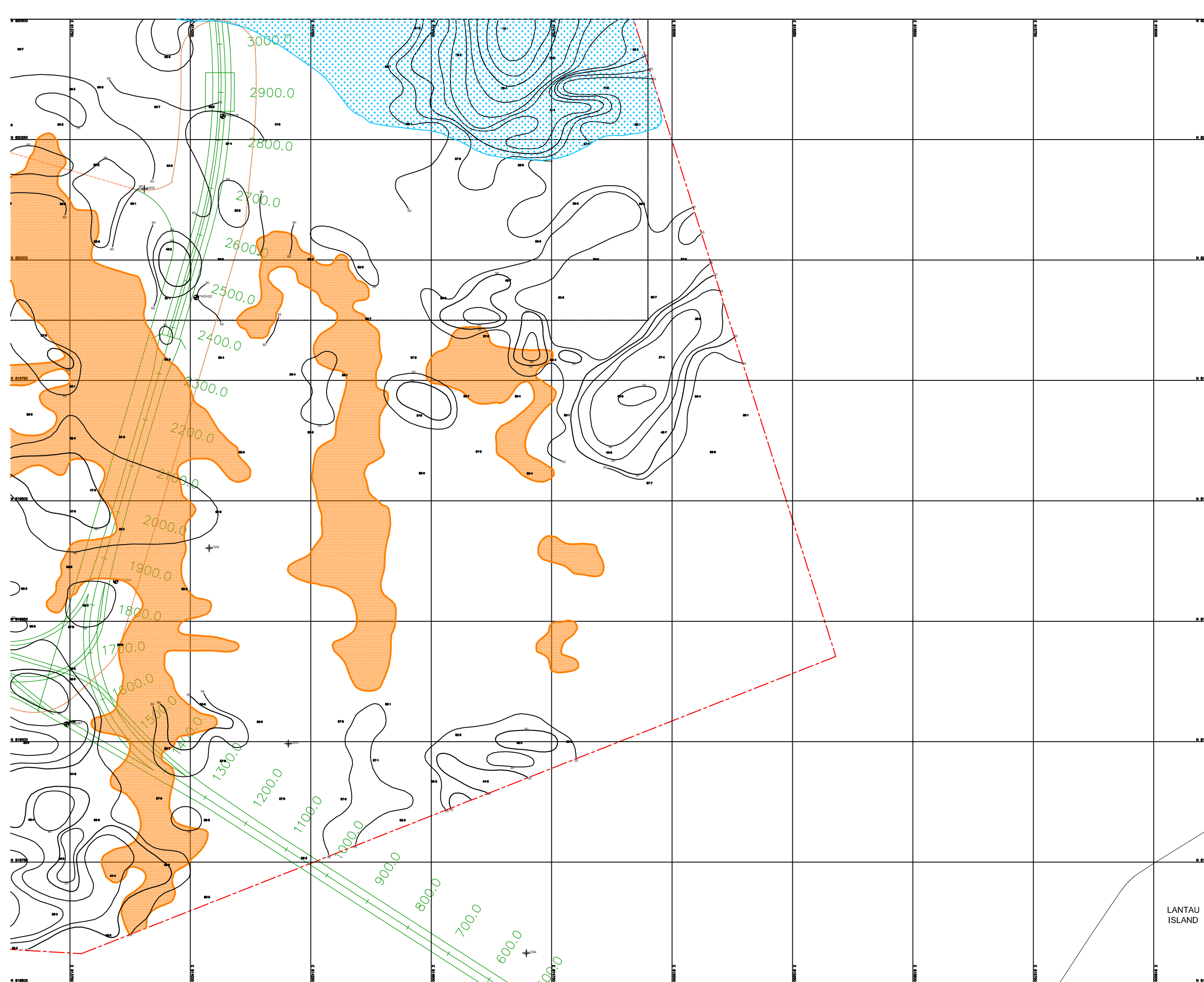
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaspy Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

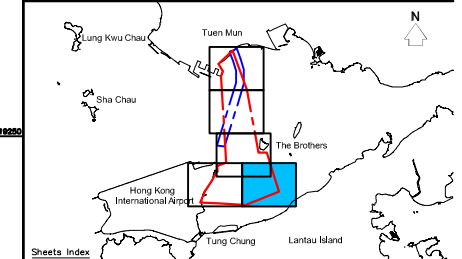


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 11/F, 118 Des Voeux Road East, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: CEDD & MTR



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Spot value in metres below HKPD (from gravity survey, EOS report no. HK19084)
 - Contour at 5 metre intervals
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



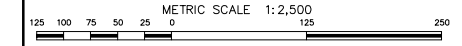
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 7.4

Drawing Title :
**CONTOURED LEVELS ON TOP OF
 PRESUMED MODERATELY DECOMPOSED ROCK**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (diabally corrected GPS)
 5. Equipment : EOS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

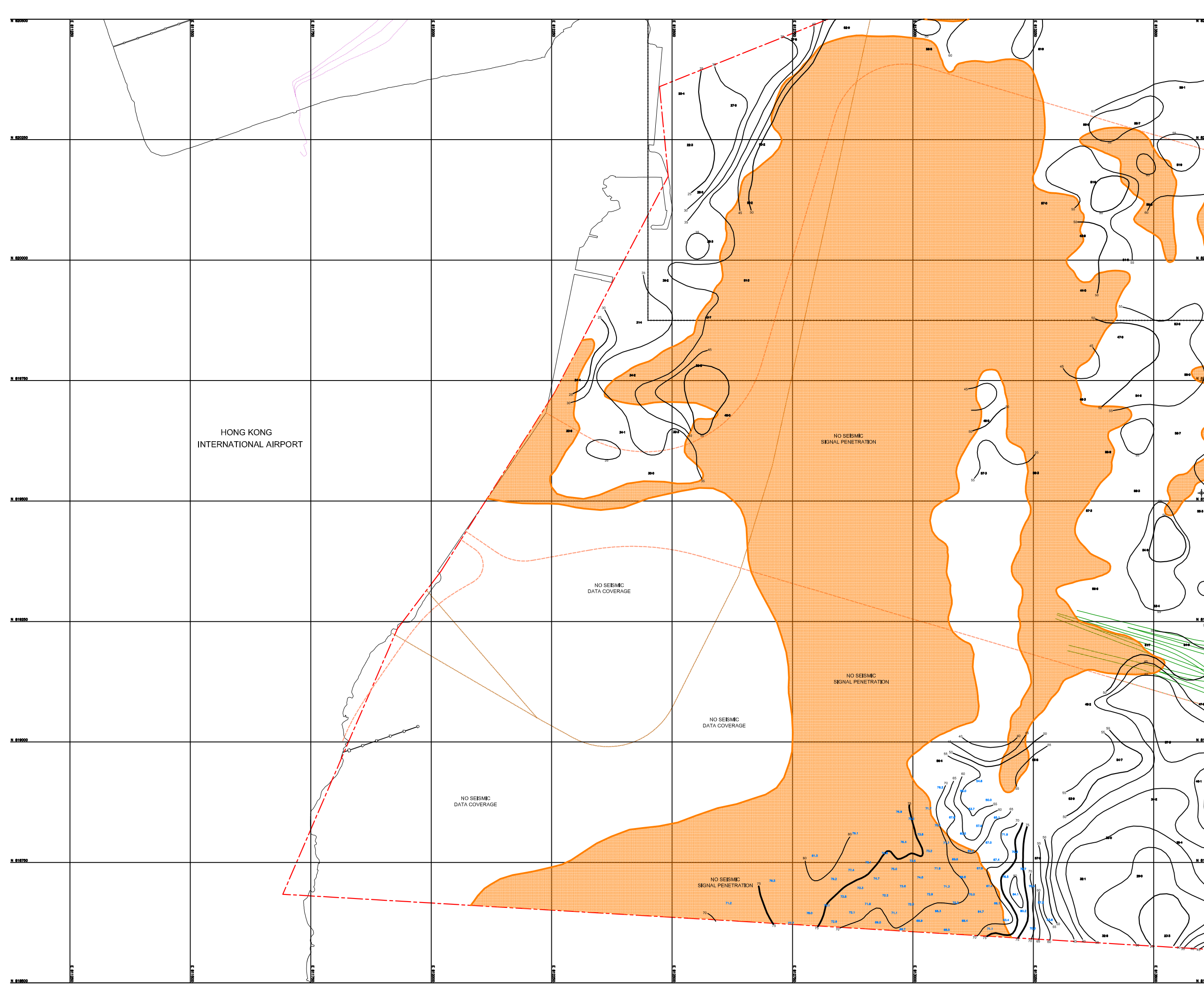
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 11/F, 118 Des Voeux Road, Central, Hong Kong
 Tel: 2862 8888 Fax: 2862 8888
 Email: info@egs.com.hk
 Client: CEDD & MTR
 Job No. : HK213608

LANTAU ISLAND



HONG KONG
INTERNATIONAL AIRPORT

NO SEISMIC
SIGNAL PENETRATION

NO SEISMIC
DATA COVERAGE
















NO SEISMIC
SIGNAL PENETRATION

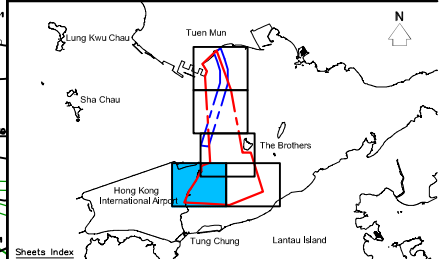
NO SEISMIC
DATA COVERAGE

NO SEISMIC
DATA COVERAGE

NO SEISMIC
SIGNAL PENETRATION

Legend :

-  Vibrocane location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Spot value in metres below HKPD (from gravity survey, EGS report no. HK19084)
-  Contour at 5 metre intervals
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



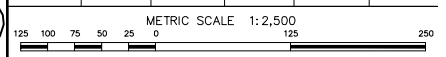
Project : CONTACT NUMBER GE/2007/04
GEOPHYSICAL SURVEY (TERM CONTRACT)
WORKS ORDER NUMBER GE/2007/04.20
AGREEMENT NO. CE 52/2007 (HY)
TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
PROPOSED MARINE GEOPHYSICAL SURVEYS


PLOT NUMBER : 7.5

Drawing Title :
**CONTOURED LEVELS ON TOP OF
PRESUMED MODERATELY DECOMPOSED ROCK**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

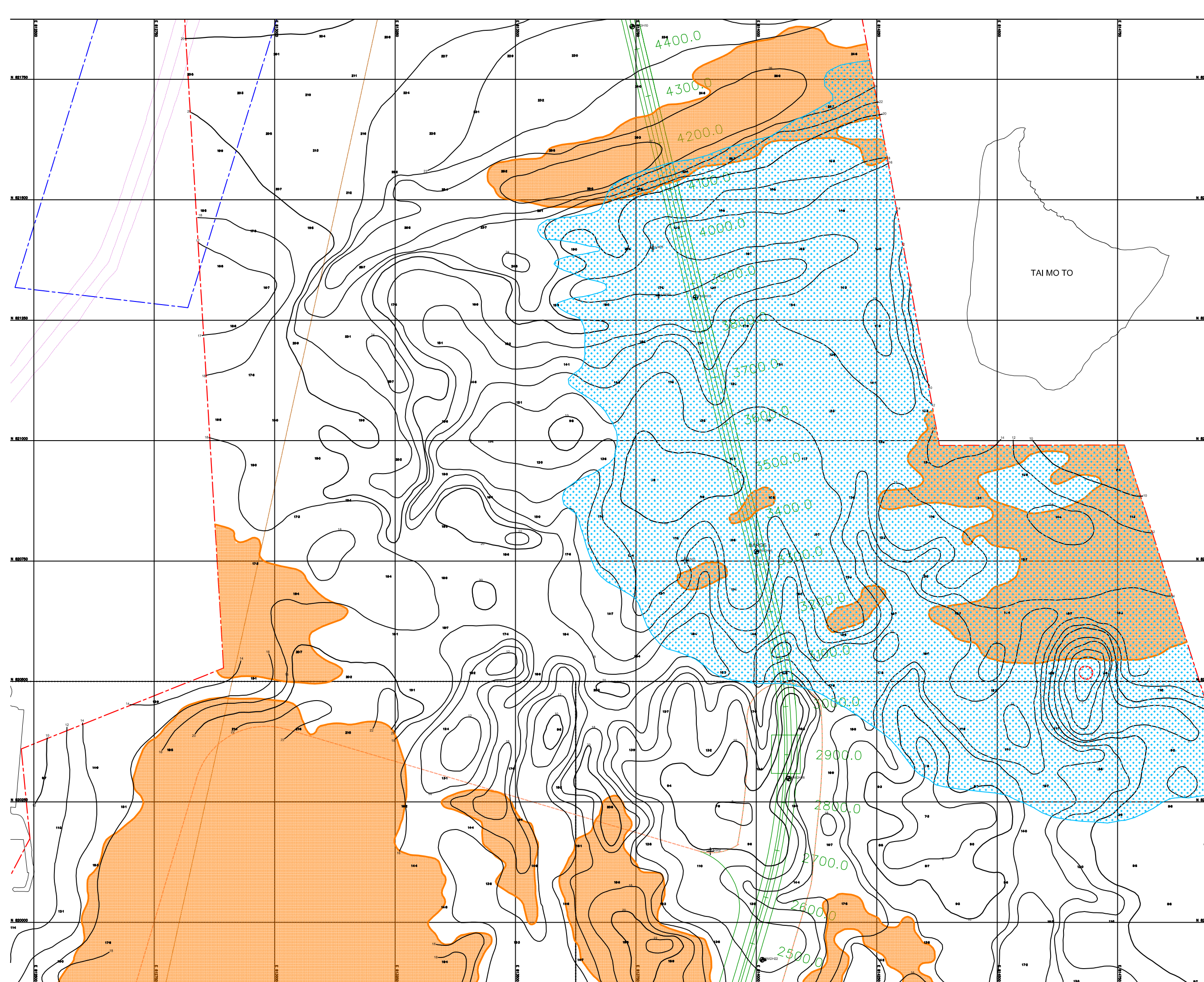
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



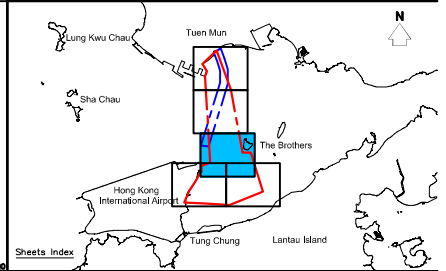
Client :  Civil Engineering and
Development Department

Surveyor :  EGS (ASIA) LIMITED
10/F, 100, QUEEN'S ROAD EAST, HONG KONG
Tel: 2862 8888 Fax: 2862 8889
www.egs.com.hk

JOB NO. : HK213608



- Legend :
- Vibrocane location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 1&2 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



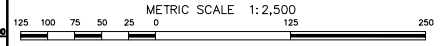
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 8.3

Drawing Title : ISOPACHS OF MARINE DEPOSITS

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaply Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

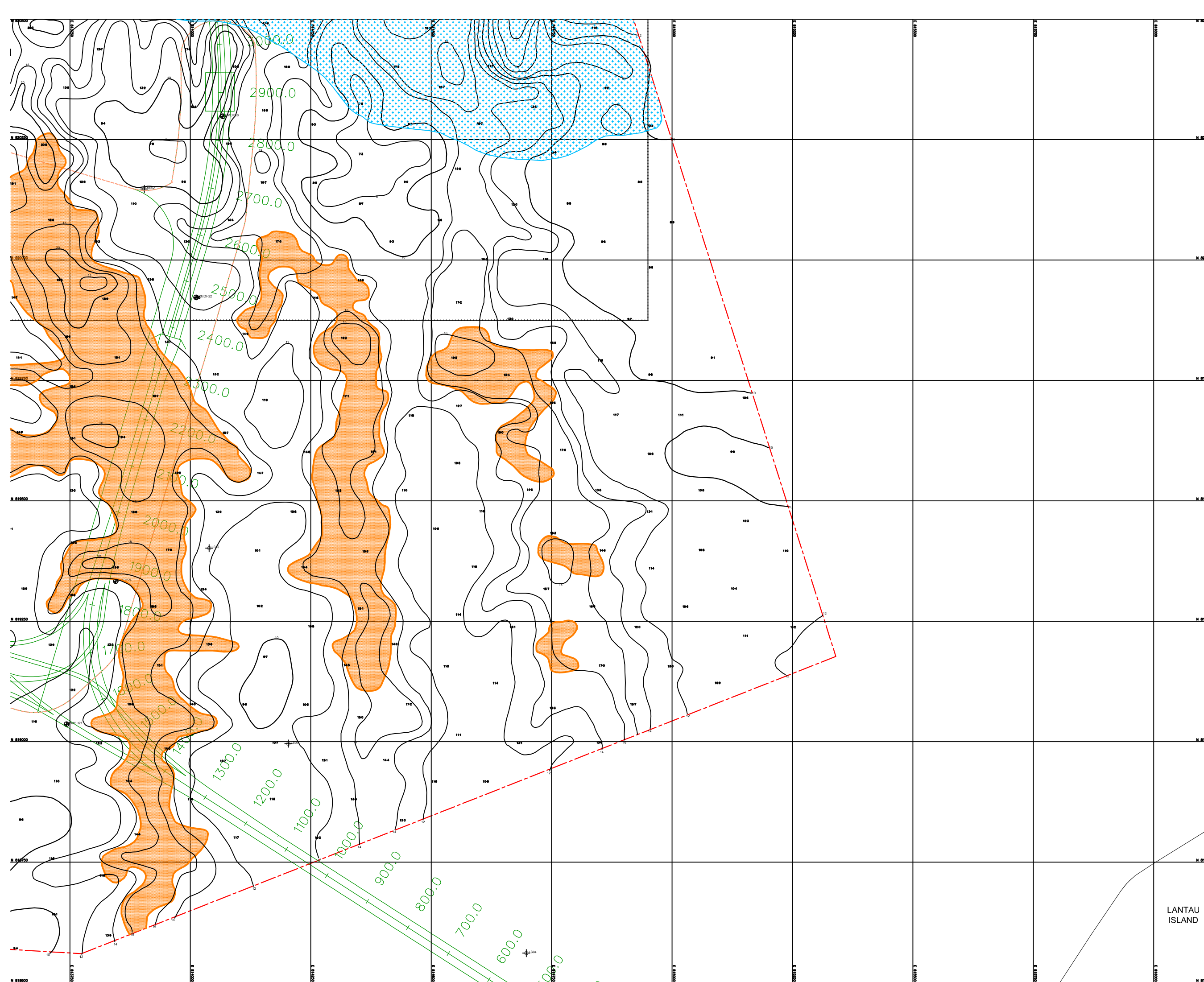
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final




Client : Civil Engineering and Development Department















Surveyor : EGS (ASIA) LIMITED
 11/F, 111 Des Voeux Road East, Hong Kong
 Tel: 852 2500 8888 Fax: 852 2500 8889
 Email: info@egs.com.hk
 Client: CEDD & Marine

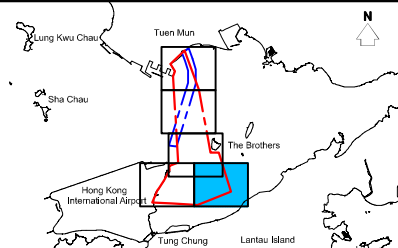
JOB NO. : HK213608





Legend :

-  Vibrocure location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Contour at 1&2 metre interval
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



Project :
 CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 8.4

Drawing Title :

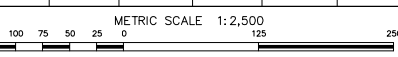
ISOPACHS OF MARINE DEPOSITS


Notes :


1. Survey Date : November - December 2008
2. Survey Grid : Hong Kong Metric Grid
3. Survey Datum : Hong Kong Principle Datum
4. Positioning : C-Nav GcGPS (Globally corrected GPS)
5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

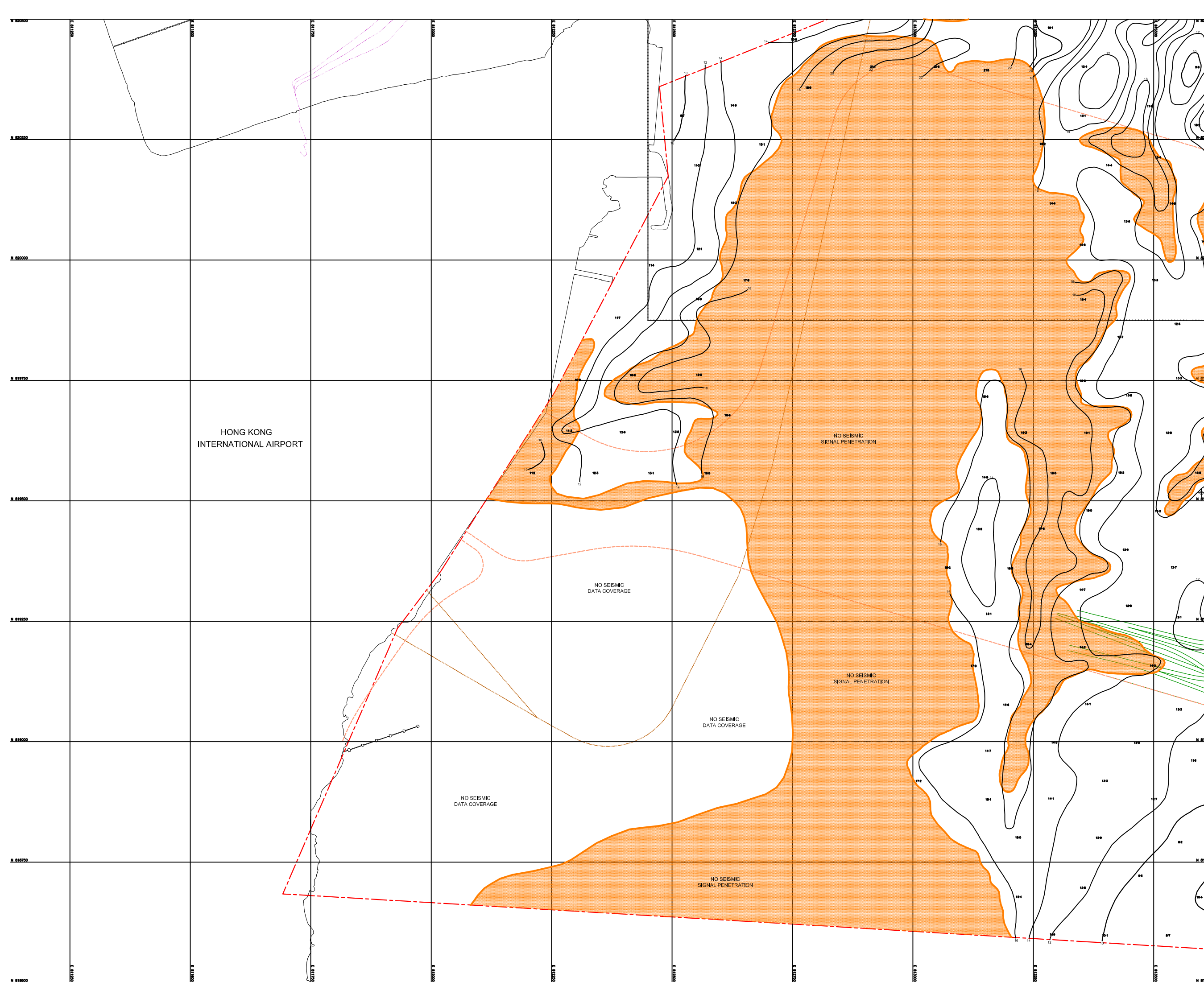
METRIC SCALE 1:2,500



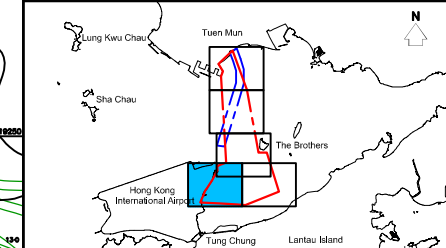
Client :  Civil Engineering and Development Department

Surveyor :  EGS (ASIA) LIMITED
 10/F, 100, Queen's Road East, Hong Kong
 Tel: 2862 8888 Fax: 2862 8888
 Email: info@egs.com.hk

JOB NO. : HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 1&2 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



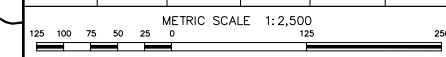
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 8.5
 Drawing Title :

ISOPACHS OF MARINE DEPOSITS

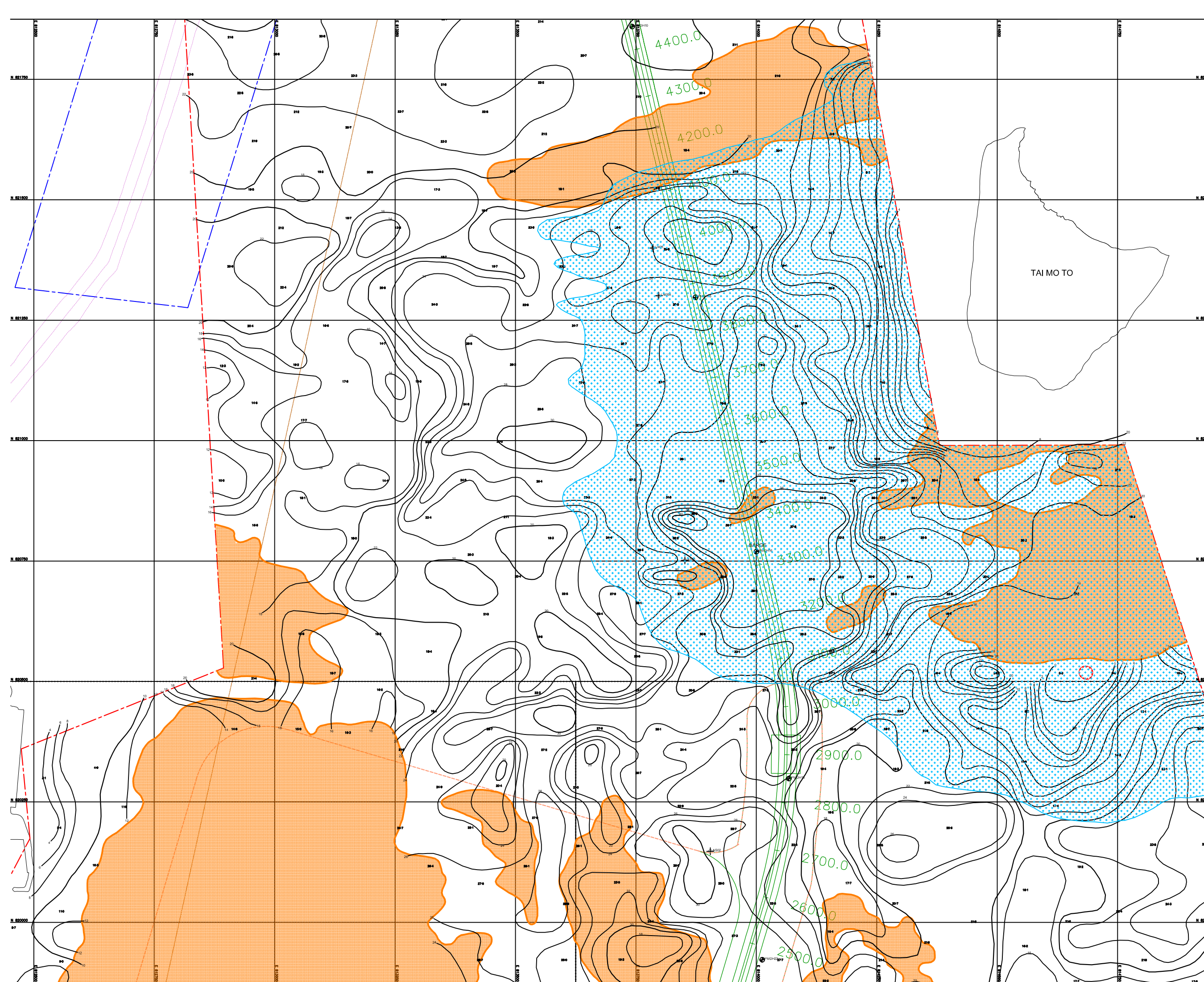
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Hav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaply Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department


Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

















Client : Civil Engineering and Development Department

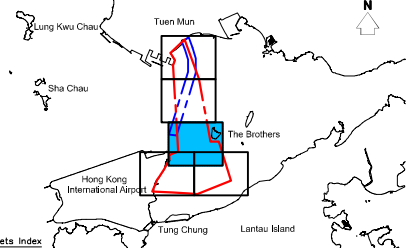
Surveyor : EGS (ASIA) LIMITED
 10/F, 100, QUEEN'S ROAD EAST, HONG KONG
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client Reference: HK213608





Legend :

-  Vibrocure location with reference number
-  Borehole location with reference number
-  Rock outcrop
-  Masked zone
-  Meta-sedimentary ROCKS
-  Spot value in metres below HKPD
-  Contour at 2 metre interval
-  Main survey boundary
-  Magnetic survey boundary
-  Existing CLP cables
-  Existing Hutchison cable
-  Chart overlap
-  HK BCF layout
-  TM-CLKL layout



Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 9.3


Drawing Title : **ISOPACHS OF ALLUVIUM**


Notes :

1. Survey Date : November - December 2008
2. Survey Grid : Hong Kong Metric Grid
3. Survey Datum : Hong Kong Principle Datum
4. Positioning : C-Nav GcGPS (Globally corrected GPS)
5. Equipment :
 - EGS Boomer System
 - Seapy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

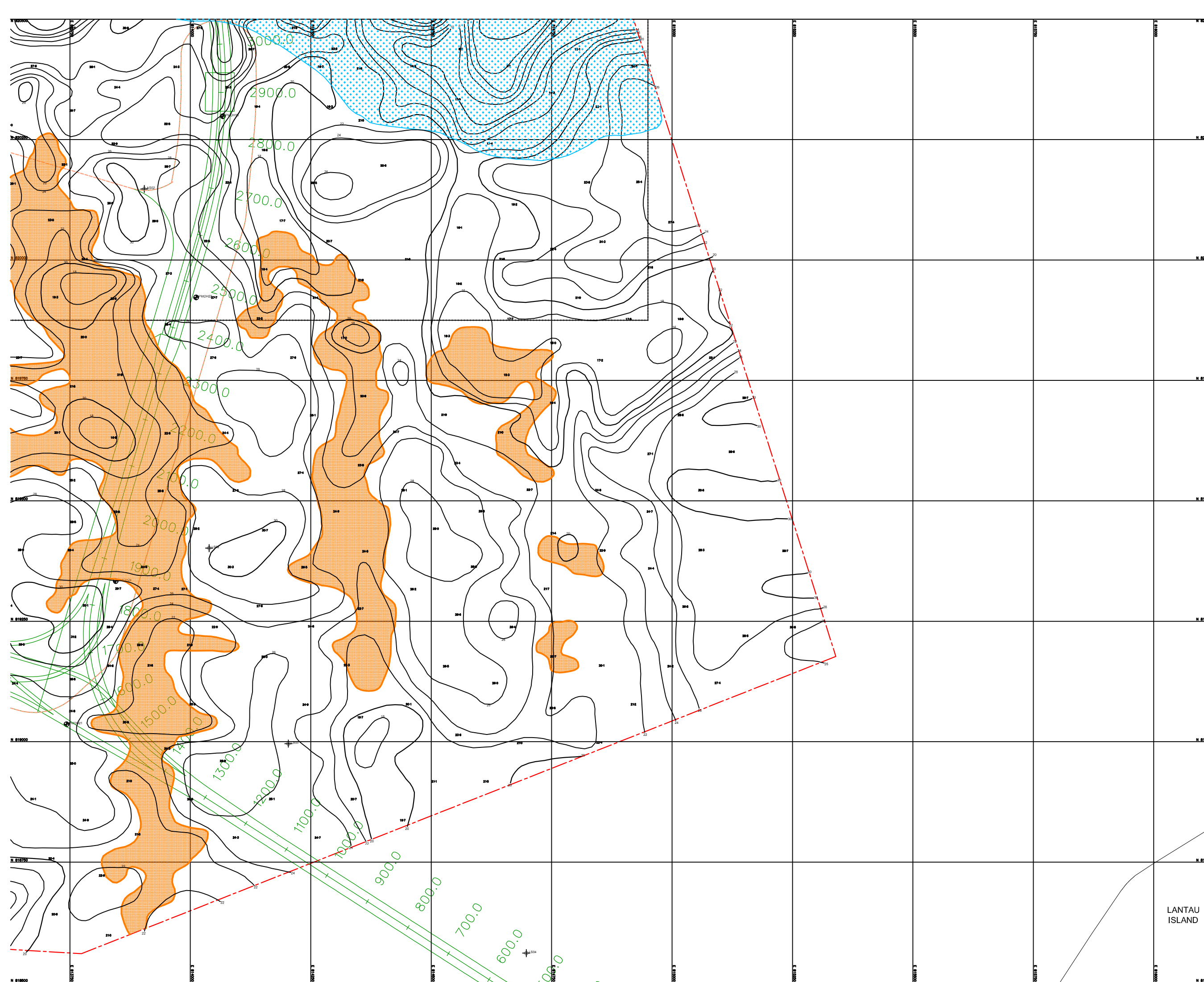
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

METRIC SCALE 1:2,500

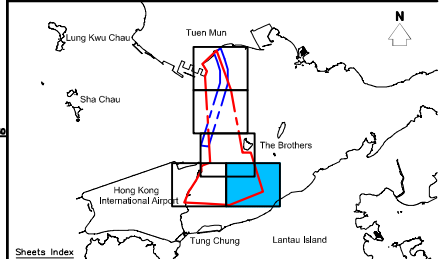
Client :  Civil Engineering and Development Department

Surveyor :  EGS (ASIA) LIMITED
 10/F, 100, Des Voeux Road, Central, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk Website: www.egs.com.hk

JOB NO. : HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 2 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



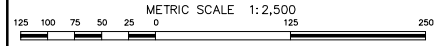
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 94

Drawing Title : ISOPACHS OF ALLUVIUM

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (diabally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

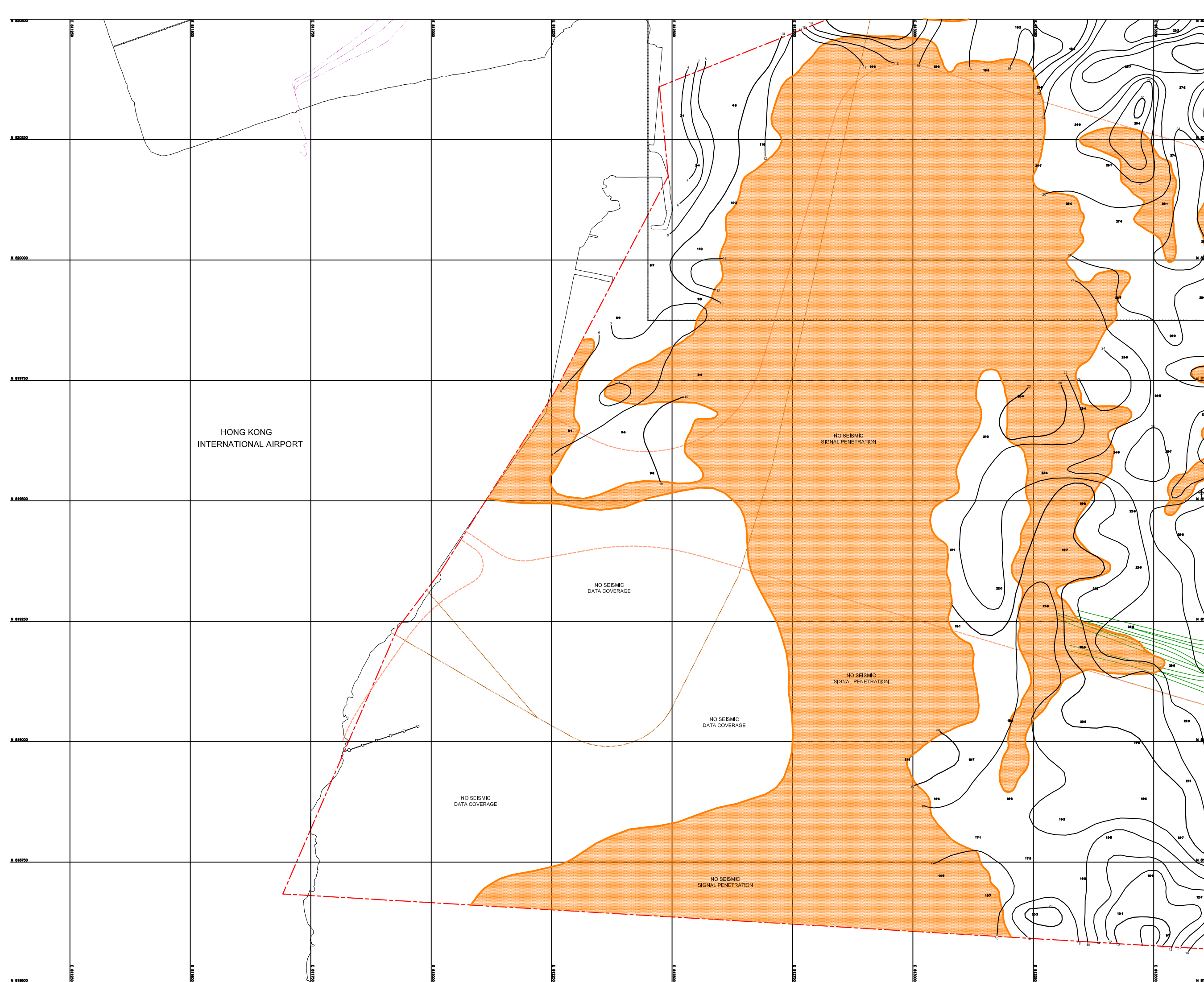


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Queen's Road East, Hong Kong
 Tel: 852 2500 8888
 Fax: 852 2500 8888
 Email: info@egs.com.hk
 Website: www.egs.com.hk

JOB NO. : HK213608

LANTAU ISLAND



HONG KONG INTERNATIONAL AIRPORT

NO SEISMIC DATA COVERAGE

NO SEISMIC SIGNAL PENETRATION

NO SEISMIC DATA COVERAGE

NO SEISMIC SIGNAL PENETRATION

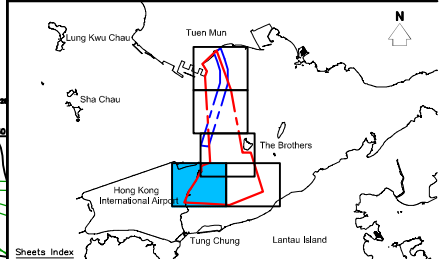
NO SEISMIC DATA COVERAGE

NO SEISMIC DATA COVERAGE

NO SEISMIC SIGNAL PENETRATION



- Legend :
- Vibrocure location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 2 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



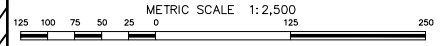
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 9.5

Drawing Title : ISOPACHS OF ALLUVIUM

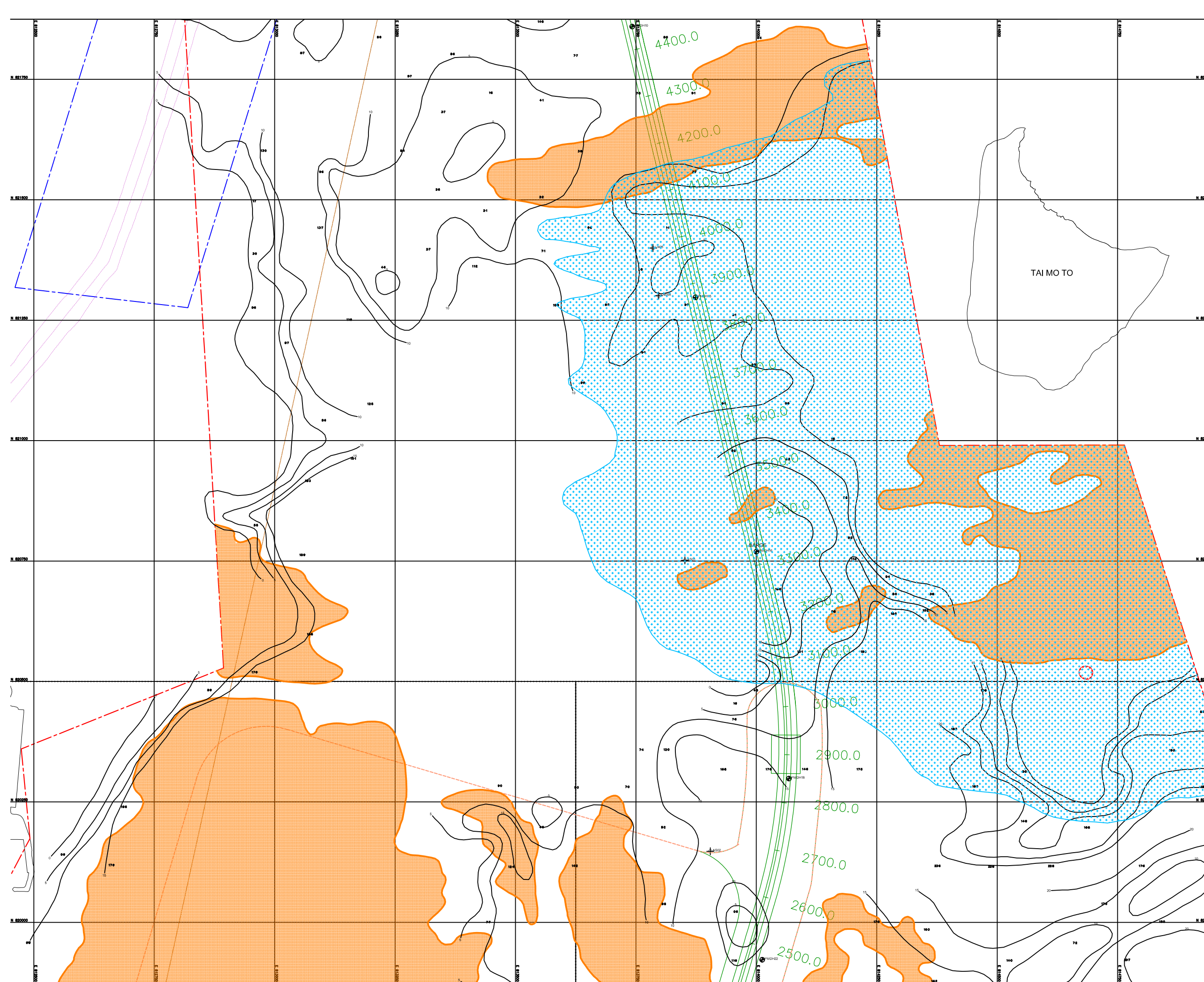
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment :
 - EGS Boomer System
 - Seaspy Magnetometer
 - Reson 8125 Multibeam System
 - Knudsen 320M Dual Frequency Echo Sounder
 - DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

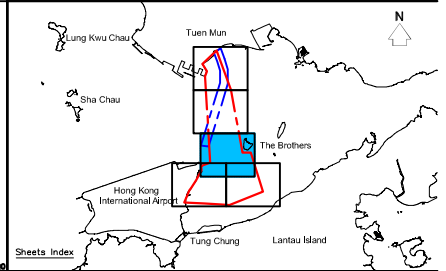


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, QUEEN'S ROAD EAST, HONG KONG
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk



- Legend :
- Vibrocure location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Contour at 5 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout

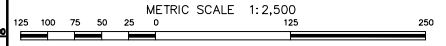


Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 10.3
 Drawing Title : ISOPACHS OF ROCK
 IN ANY STATE OF DECOMPOSITION

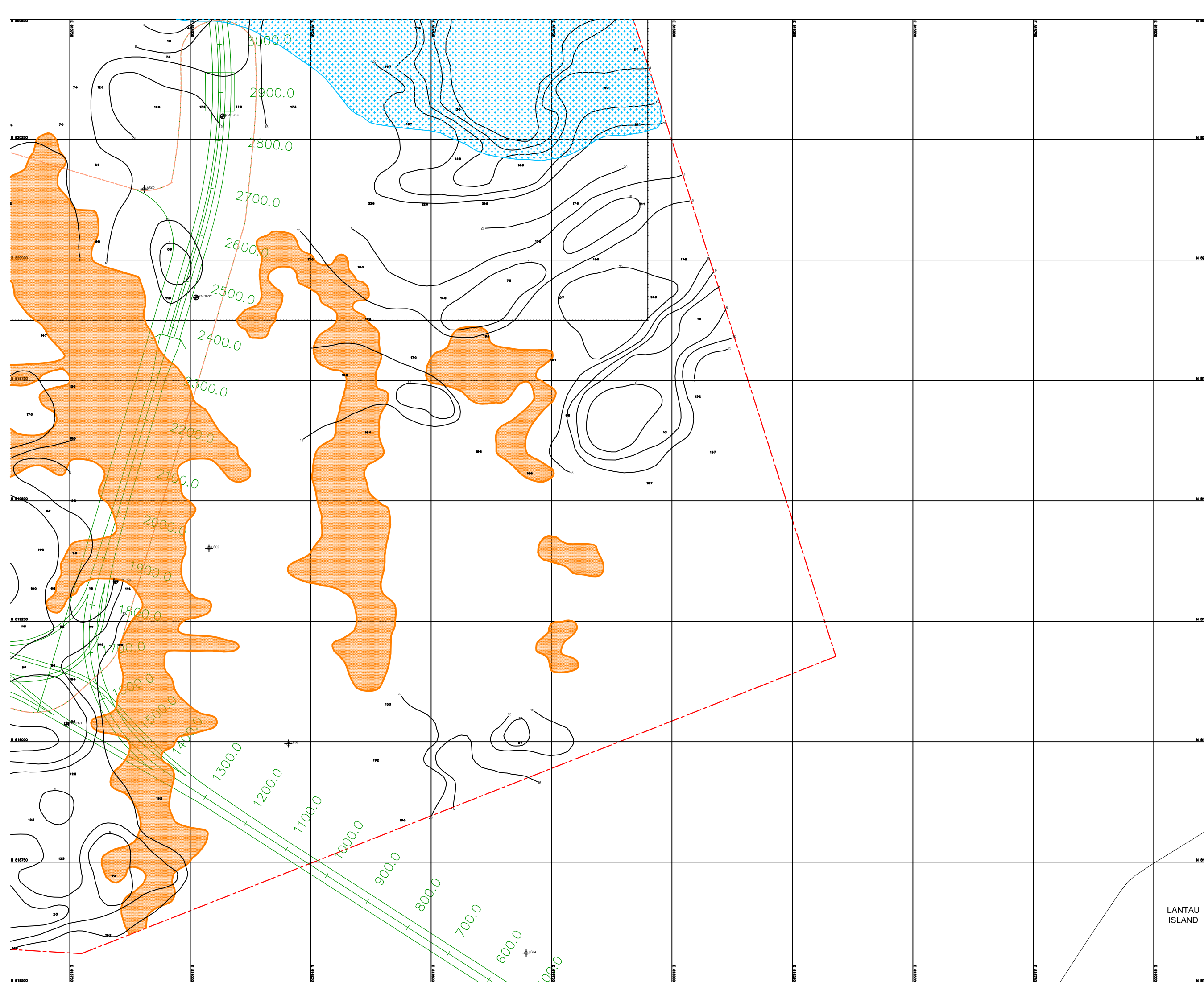
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

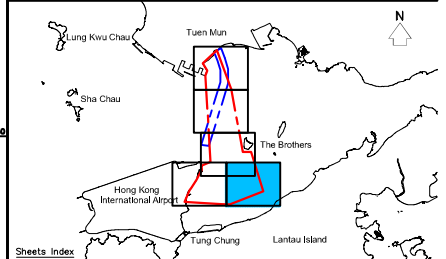


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Des Voeux Road, Central, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: CEDD & MTR
 Job No. : HK213608



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Spot value in metres below HKPD (from gravity survey, EOS report no. HK19084)
 - Contour at 5 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



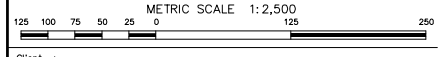
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04,20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 10.4

Drawing Title : **ISOPACHS OF ROCK
 IN ANY STATE OF DECOMPOSITION**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GeGPS (Globally corrected GPS)
 5. Equipment : EOS Boomer System
 Seaspy Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

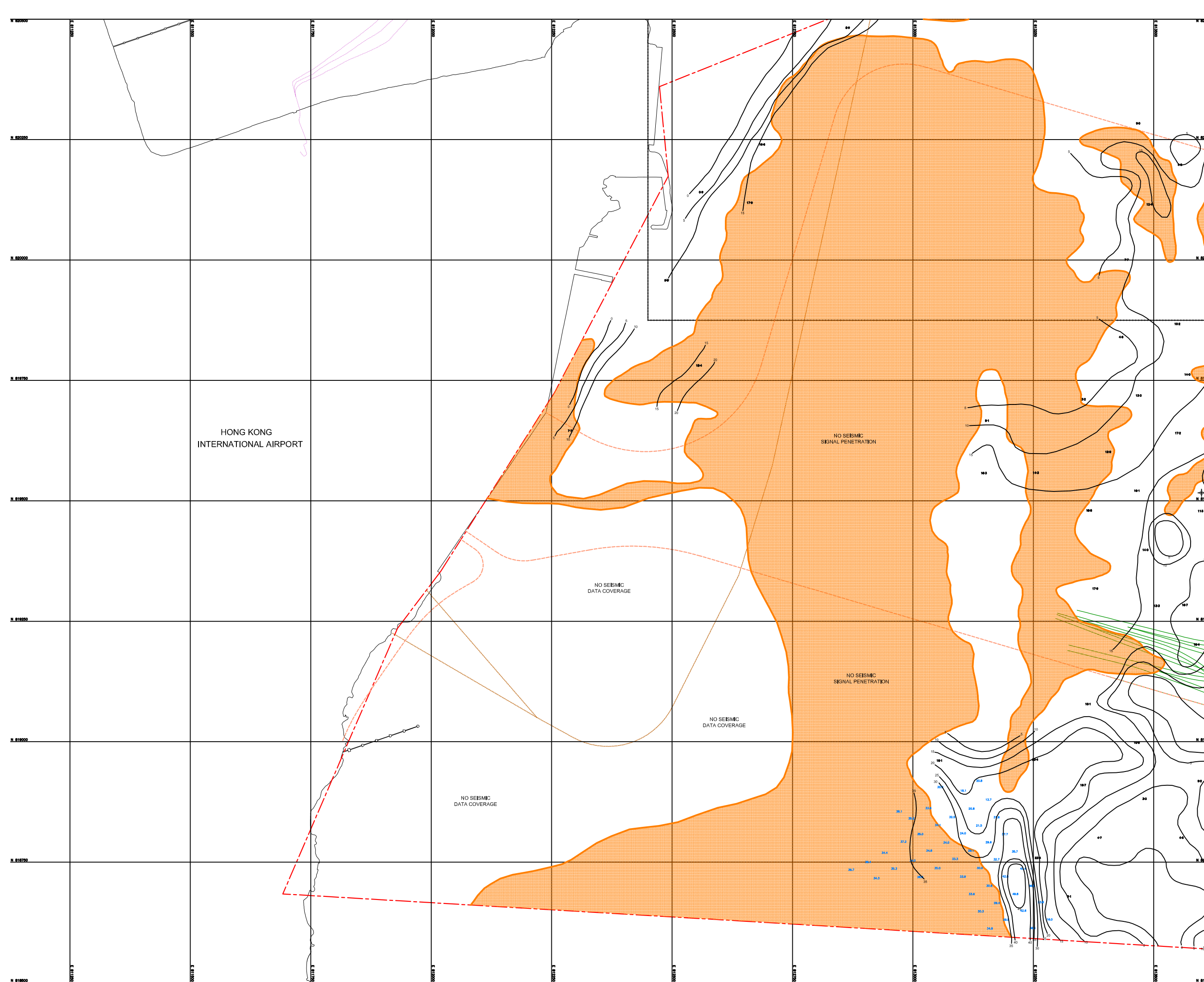
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



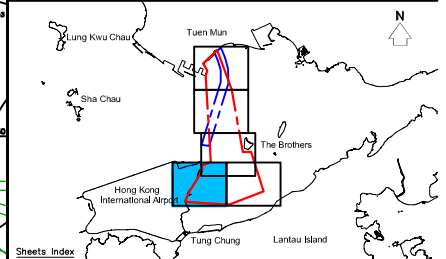
Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 11/F, 110, QUEEN'S ROAD EAST, HONG KONG
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk
 Client: 1993-2008

LANTAU ISLAND



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Rock outcrop
 - Masked zone
 - Meta-sedimentary ROCKS
 - Spot value in metres below HKPD
 - Spot value in metres below HKPD (from gravity survey, EOS report no. HK19084)
 - Contour at 5 metre interval
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - HK BCF layout
 - TM-CLKL layout



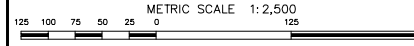
Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04,20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 10.5

Drawing Title : **ISOPACHS OF ROCK
 IN ANY STATE OF DECOMPOSITION**

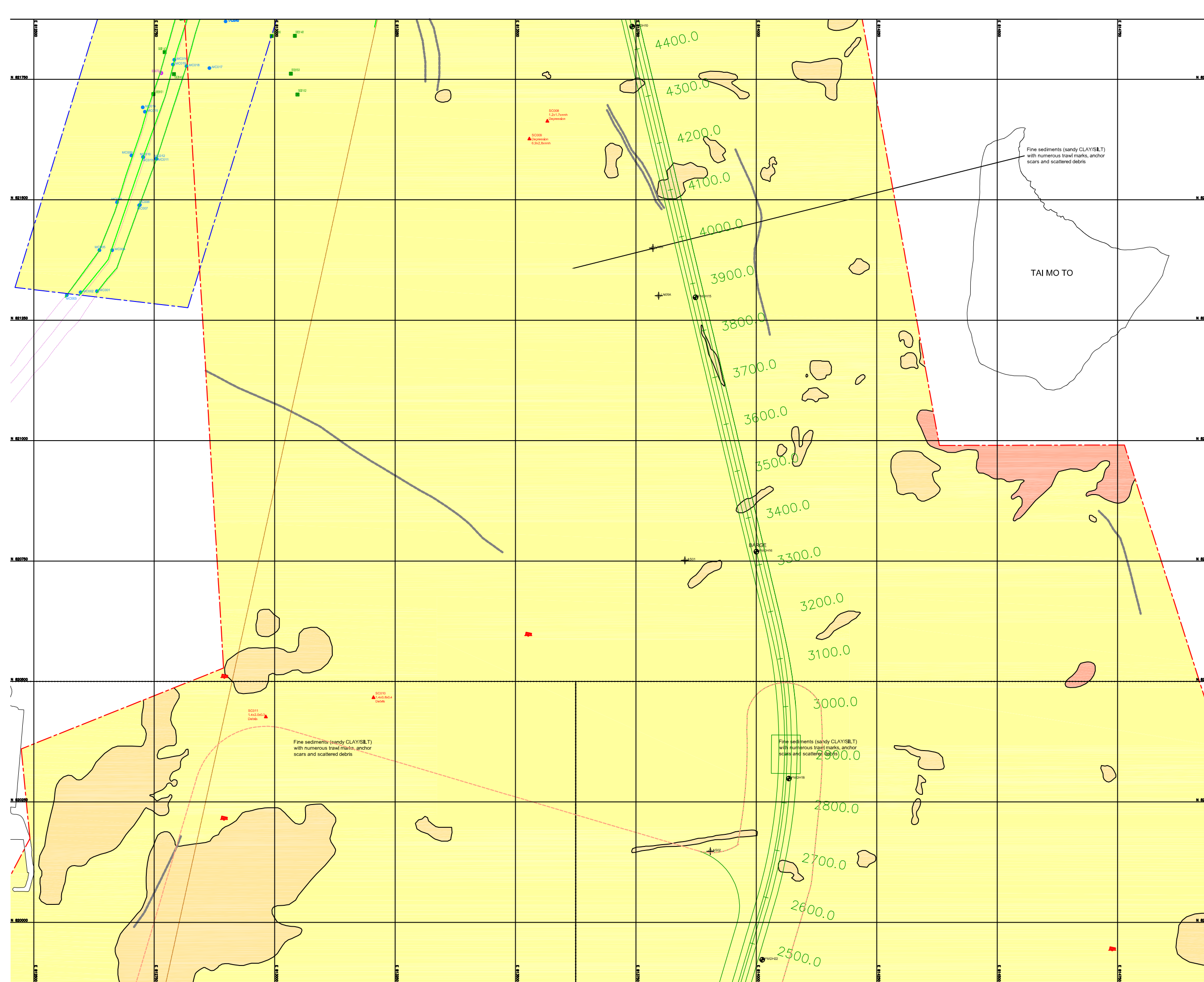
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EOS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



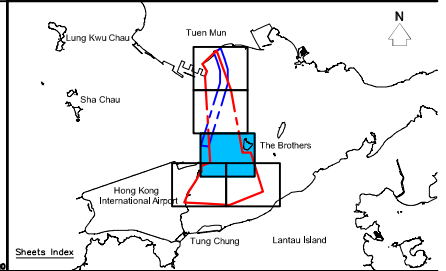
Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Queen's Road Central, Hong Kong
 Tel: (852) 2522 8888
 Fax: (852) 2522 8889
 Email: info@egs.com.hk
 Website: www.egs.com.hk



Legend :

- Vibrocore location with reference number
- Borehole location with reference number
- Fine sediments (predominantly CLAY/SILT)
- Coarse sediments (predominantly SAND and GRAVEL)
- Rocky area
- Sonar contact
- Magnetic contact
- Seismic contact
- Echo sounding contact
- Buoy
- Scar/Trawl marks
- Megaripples
- Main survey boundary
- Magnetic survey boundary
- Existing CLP cables
- Existing Hutchison cable
- Chart overlap
- Interpreted cable/pipeline alignments based on magnetic, seismic and echo sounding data
- HK BCF layout
- TM-CLKL layout

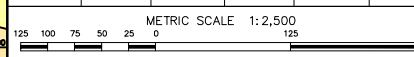


Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 11.3
 Drawing Title : **SEA BED FEATURES AND CABLE ALIGNMENTS**

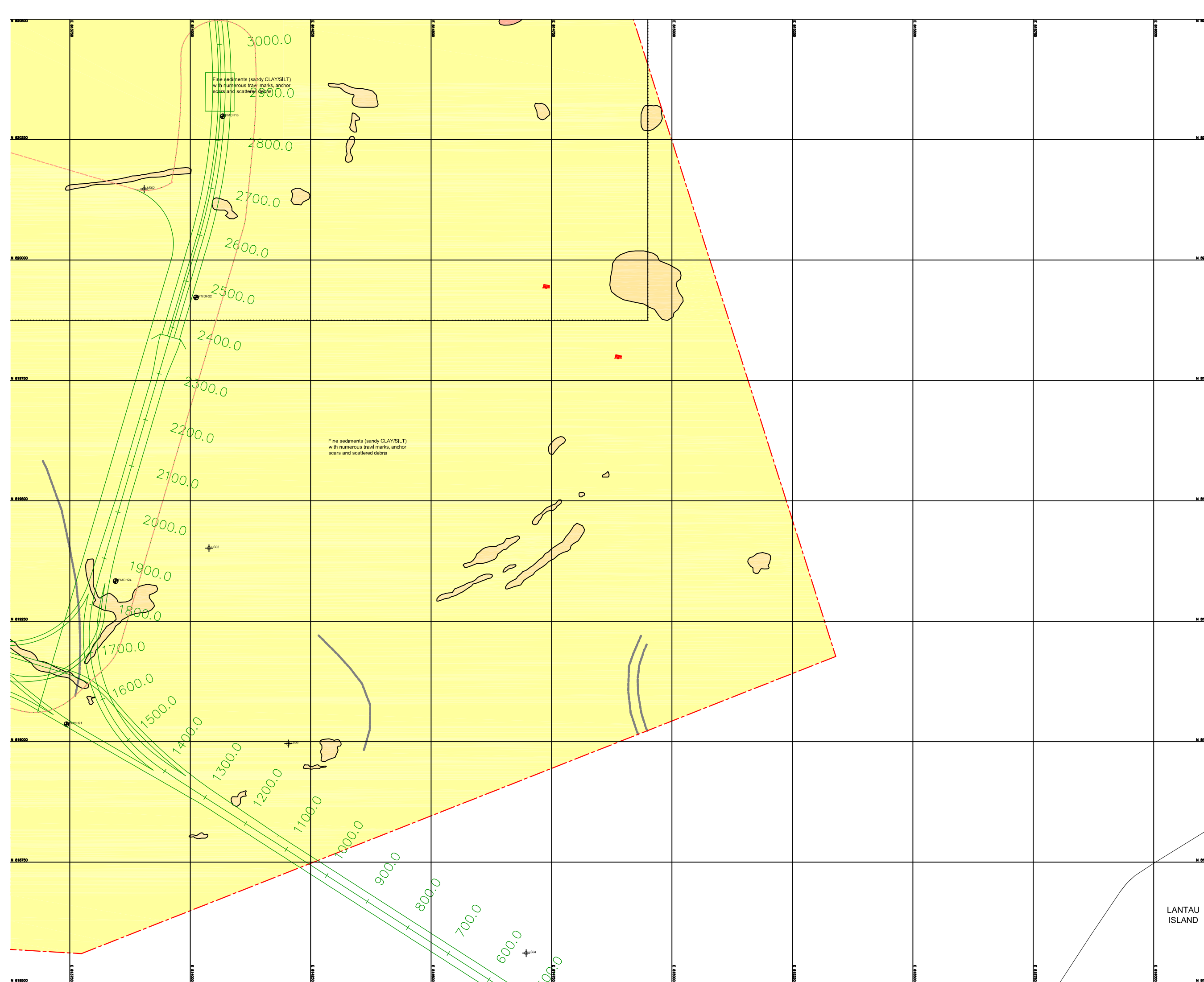
- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
 Seaply Magnetometer
 Reson 8125 Multibeam System
 Knudsen 320M Dual Frequency Echo Sounder
 DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department
 7. Please refer to Appendix E for details of magnetic contacts, seismic contacts and echo sounding contacts

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final

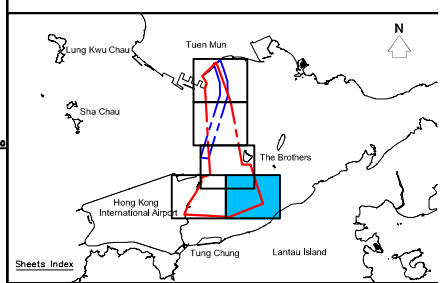


Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 1/F, 100, Queen's Road East, Hong Kong
 Tel: 852 2500 8888
 Fax: 852 2500 8889
 Email: info@egs.com.hk



- Legend :
- Vibrocore location with reference number
 - Borehole location with reference number
 - Fine sediments (predominantly CLAY/SILT)
 - Coarse sediments (predominantly SAND and GRAVEL)
 - Rocky area
 - Sonar contact
 - Magnetic contact
 - Seismic contact
 - Echo sounding contact
 - Buoy
 - Scar/Trawl marks
 - Megaripples
 - Main survey boundary
 - Magnetic survey boundary
 - Existing CLP cables
 - Existing Hutchison cable
 - Chart overlap
 - Interpreted cable/pipeline alignments based on magnetic, seismic and echo sounding data
 - HK BCF layout
 - TM-CLKL layout

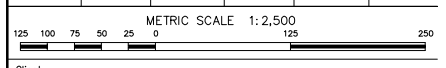


Project : CONTACT NUMBER GE/2007/04
 GEOPHYSICAL SURVEY (TERM CONTRACT)
 WORKS ORDER NUMBER GE/2007/04.20
 AGREEMENT NO. CE 52/2007 (HY)
 TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
 PROPOSED MARINE GEOPHYSICAL SURVEYS

PLOT NUMBER : 11.4
 Drawing Title : **SEA BED FEATURES AND CABLE ALIGNMENTS**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department
 7. Please refer to Appendix E for details of magnetic contacts, seismic contacts and echo sounding contacts

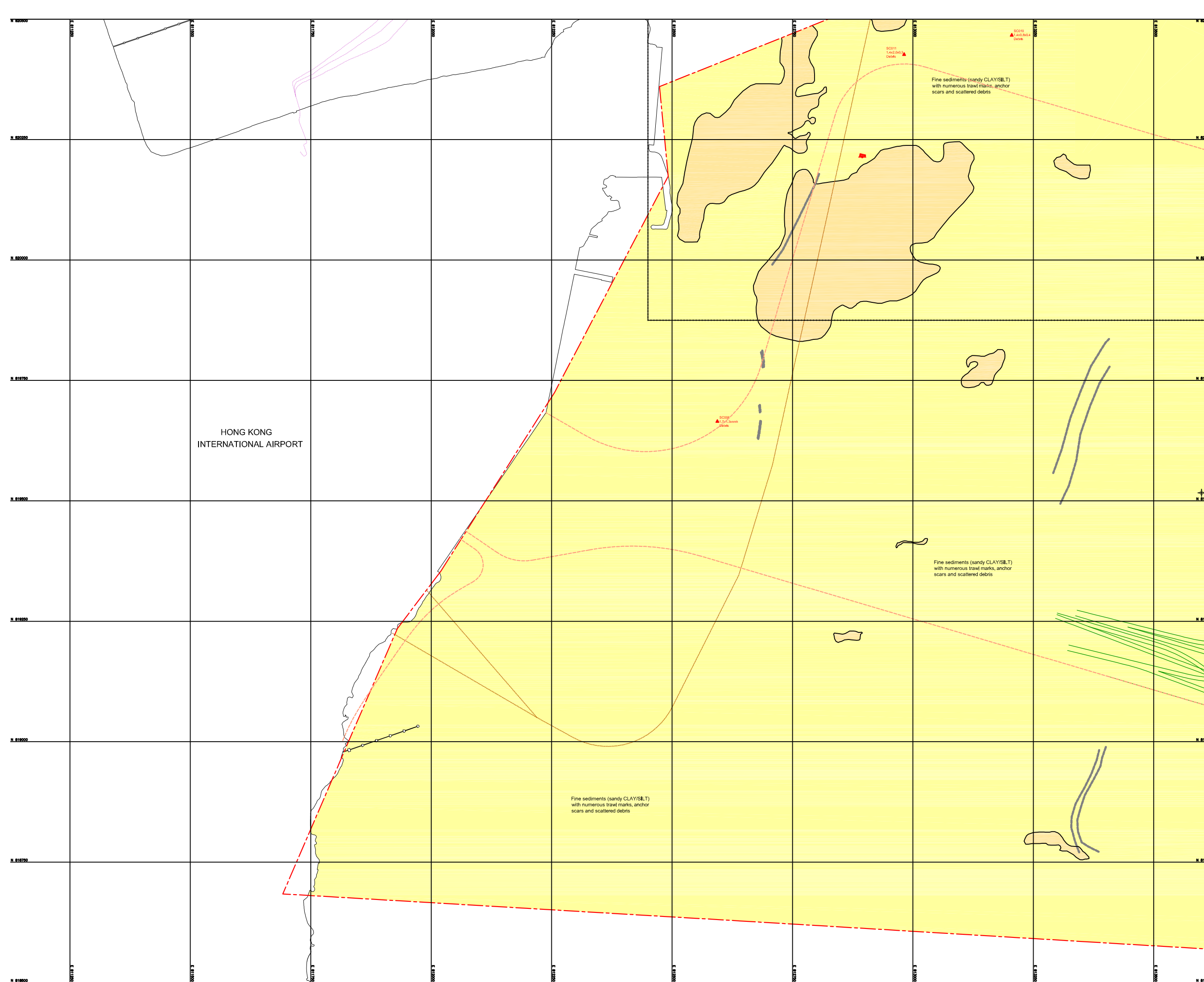
Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and Development Department

Surveyor : EGS (ASIA) LIMITED
 10/F, 100, Queen's Road East, Hong Kong
 Tel: 2862 8888 Fax: 2862 8889
 Email: info@egs.com.hk

JOB NO. : HK213608



HONG KONG
INTERNATIONAL AIRPORT

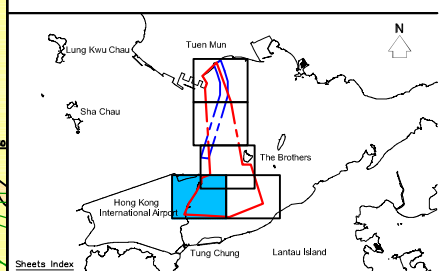
Fine sediments (sandy CLAY/SILT)
with numerous trawl marks, anchor
scars and scattered debris

Fine sediments (sandy CLAY/SILT)
with numerous trawl marks, anchor
scars and scattered debris

Fine sediments (sandy CLAY/SILT)
with numerous trawl marks, anchor
scars and scattered debris

Legend :

- Vibrocure location with reference number
- Borehole location with reference number
- Fine sediments (predominantly CLAY/SILT)
- Coarse sediments (predominantly SAND and GRAVEL)
- Rocky area
- Sonar contact
- Magnetic contact
- Seismic contact
- Echo sounding contact
- Buoy
- Scar/Trawl marks
- Megaripples
- Main survey boundary
- Magnetic survey boundary
- Existing CLP cables
- Existing Hutchison cable
- Chart overlap
- Interpreted cable/pipeline alignments based on magnetic, seismic and echo sounding data
- HK BCF layout
- TM-CLKL layout



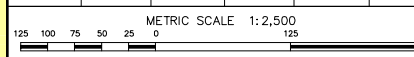
Project : CONTACT NUMBER GE/2007/04
GEOLOGICAL SURVEY (TERM CONTRACT)
WORKS ORDER NUMBER GE/2007/04.20
AGREEMENT NO. CE 52/2007 (HY)
TUEN MUN - CHEK LAP KOK LINK - INVESTIGATION
PROPOSED MARINE GEOLOGICAL SURVEYS

PLOT NUMBER : 11.5

Drawing Title : **SEA BED FEATURES
AND CABLE ALIGNMENTS**

- Notes :
1. Survey Date : November - December 2008
 2. Survey Grid : Hong Kong Metric Grid
 3. Survey Datum : Hong Kong Principle Datum
 4. Positioning : C-Nav GcGPS (Globally corrected GPS)
 5. Equipment : EGS Boomer System
Seaspy Magnetometer
Reson 8125 Multibeam System
Knudsen 320M Dual Frequency Echo Sounder
DF1000 Side Scan Sonar System With Digital Tow Fish
 6. Coastline taken from 1:1,000 Survey Sheets, Survey and Mapping Office, Lands Department
 7. Please refer to Appendix E for details of magnetic contacts, seismic contacts and echo sounding contacts

Revision No.	Date	Drawn by	Checked by	Approved by	Remarks
0	08/01/2009	Clarence Siu	Wilson Wong	Margie Chen	Preliminary
1	13/02/2009	Clarence Siu	Wilson Wong	Margie Chen	Final



Client : Civil Engineering and
Development Department

Surveyor : EGS (ASIA) LIMITED
10/F, 100, QUEEN'S ROAD EAST,
HONG KONG
Tel: 2862 2862
Fax: 2862 2862
www.egs.com.hk

JOB NO. : HK213608