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# **Microzonazione sismica del Comune di Sant'Agostino**

## **Allegato A**

### **Schede tecniche indagini penetrometriche**

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## Interpretazione delle indagini penetrometriche

Una delle maggiori applicazioni delle prove penetrometriche consiste nella possibilità di determinare la stratigrafia del sottosuolo e di identificare i tipi di suoli attraversati. Per le penetrometrie con punta meccanica (CPT), Begemann (1965) ha proposto un diagramma di classificazione (Figura 1) che consente di valutare il tipo di terreno attraversato sulla base dei valori di resistenza alla punta ( $q_c$ ) e dell'attrito laterale ( $f_s$ ), mentre Schmertmann (1978) ha presentato un diagramma più articolato (Figura 2) basato sulla resistenza alla punta e sul rapporto delle resistenze  $R_f = (f_s / q_c) * 100\%$ .

Douglas e Olsen (1981) hanno proposto un diagramma (Figura 3) tarato su penetrometrie con punta elettrica, che consentono di ottenere un maggiore dettaglio rispetto alle prove meccaniche dato che la misura delle resistenze viene effettuata ogni 5 cm invece che ogni 20 cm. Questo diagramma costituisce un utile strumento per la valutazione del terreno e inoltre di alcune caratteristiche geotecniche come l'indice dei vuoti, la dimensione dei grani e la presenza di frazione fine.

Un dettaglio ancora maggiore nel rilievo stratigrafico e nella definizione del tipo di terreno si ottiene con le prove dotate di piezocono, che consentono di misurare oltre ai parametri di resistenza alla penetrazione ( $q_c$  e  $f_s$ ) anche la pressione interstiziale ( $u_2$ ).

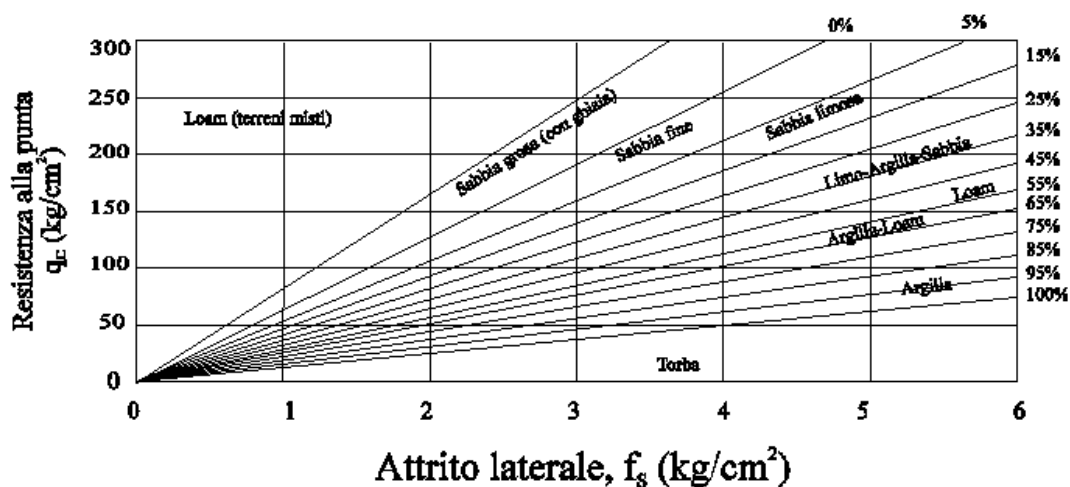


Figura 1 - Diagramma di classificazione del terreno da prove CPT (Begemann, 1965).

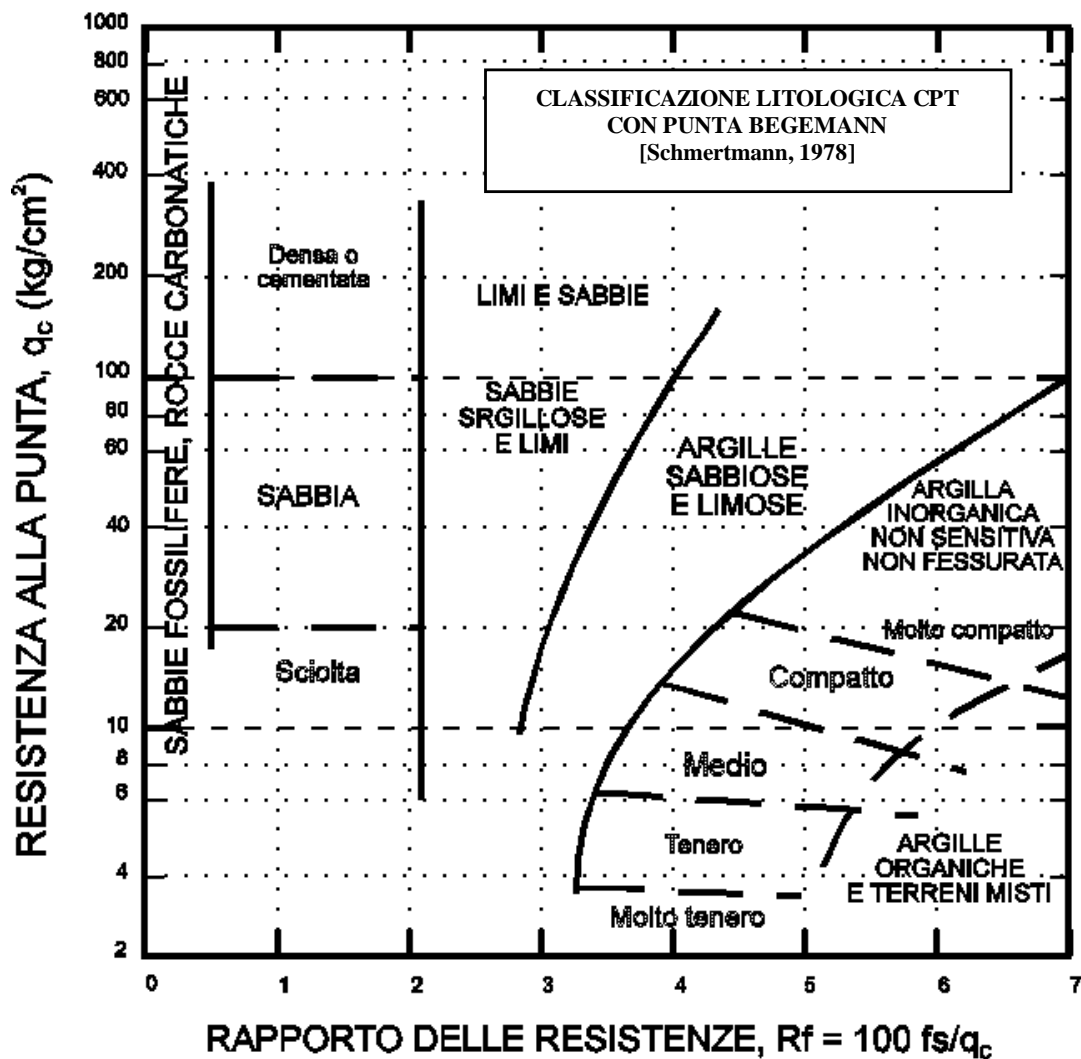


Figura 2 - Diagramma di classificazione del terreno da prove CPT (Schmertmann, 1978).

Un esempio di classificazione che sfrutta le informazioni fornite da tutti e tre i parametri è stato proposto da Robertson *et al.* (1986). Il diagramma (Figura 4) è basato sul rapporto tra la resistenza alla punta corretta  $q_t$ , definita qui di seguito, ed il rapporto delle resistenze  $F_r$ ,

$$q_t = q_c + u_2 \cdot (1 - a) \quad [1]$$

dove  $u_2$  è la pressione interstiziale misurata durante la penetrazione della strumentazione,  $a$  è il rapporto delle aree o fattore dell'area del cono (area netta del cono  $A_N$ /area totale del cono  $A_C$ ). Nel grafico è possibile individuare dodici zone numerate che identificano le differenti tipologie di suolo (Soil Behaviour Type, SBT).

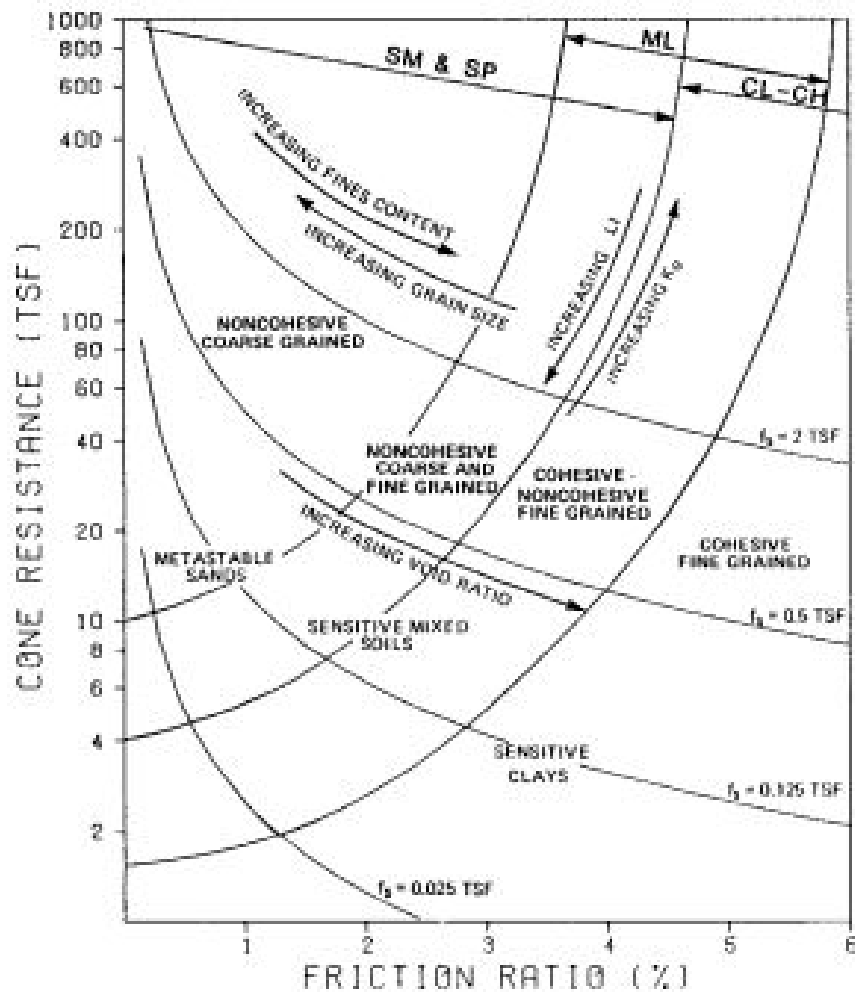
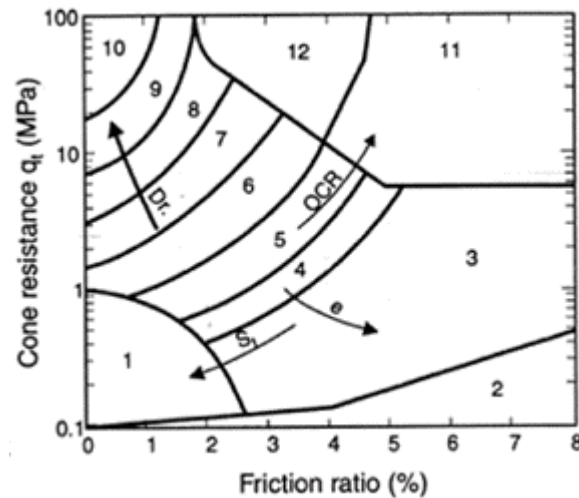


Figura 3 - Identificazione del tipo di terreno e di alcune proprietà geotecniche da prove CPT (Douglas e Olsen, 1981).

Nonostante il diagramma consideri la  $q_t$ , può essere utilizzato anche facendo riferimento alla resistenza alla punta non corretta  $q_c$ , dato che la differenza tra le due è molto piccola, tranne nei terreni soffici a grana fine, che forniscono elevati valori di pressione interstiziale (Robertson, 2010).

In realtà, non tener conto della profondità della prova, cioè delle tensioni geostatiche totali ed efficaci, comporta degli errori nella valutazione del tipo di terreno; i valori di resistenza tendono infatti ad aumentare con la profondità anche all'interno dello stesso tipo di deposito, in quanto aumentano le tensioni che agiscono sull'elemento di terreno. Per tener conto delle tensioni geostatiche verticali, cioè per normalizzare i valori di  $q_c$  ed  $f_s$ , occorre



Zone:    Soil Behaviour Type:

- |                           |                              |                              |
|---------------------------|------------------------------|------------------------------|
| 1. Sensitive fine grained | 5. Clayey silt to silty clay | 9. Sand                      |
| 2. Organic material       | 6. Sandy silt to clayey silt | 10. Gravelly sand to sand    |
| 3. Clay                   | 7. Silty sand to sandy silt  | 11. Very stiff fine grained* |
| 4. Silty clay to clay     | 8. Sand to silty sand        | 12. Sand to clayey sand*     |

\* Overconsolidated or cemented.

Figura 4 - Identificazione del tipo di terreno e di alcune proprietà geotecniche da prove CPTu (Robertson *et al.*, 1986).

introdurre la pressione idrostatica ed il peso di volume dei vari strati (Cestari, 2009). Robertson (1990) ha così messo a punto un diagramma di classificazione che considera i valori normalizzati (Figura 5), di seguito esplicitati:

$$Q_m = (q_t - \sigma_{v0}) / \sigma'_{v0} \quad [2]$$

$$F_r = 100 \cdot f_s / (q_t - \sigma_{v0}) \quad [3]$$

dove  $Q_m$  è la resistenza alla punta normalizzata,  $F_r$  il rapporto di frizione normalizzato,  $\sigma_{v0}$  la tensione geostatica verticale totale e  $\sigma'_{v0}$  la tensione geostatica verticale efficace. In questo caso nel diagramma è possibile distinguere nove tipologie di suolo (SBTn).

Jefferies e Davies (1993) hanno rilevato che l'Indice di comportamento del terreno ( $I_c$ ) rappresenta, nel diagramma normalizzato di Robertson, delle aree che sono stanzialmente degli archi di cerchio che marcano i limiti fra le differenti tipologie di suolo

$$I_c = \sqrt{[3.47 - \log(Q_t)]^2 + [1.22 + \log(F_r)]^2} \quad [4]$$

dove  $Q_t$  è la resistenza alla punta normalizzata.



Robertson e Wride (1998) hanno modificato la definizione dell'Indice di comportamento  $I_c$  per applicarla al diagramma non normalizzato, definendo un nuovo indice così come segue

$$I_{SBT} = \sqrt{\left[ 3.47 - \log\left(\frac{q_c}{p_a}\right)^2 \right] + \left[ 1.22 + \log(R_f)^2 \right]} \quad [5]$$

dove  $q_c$  è la resistenza alla punta,  $p_a$  la pressione atmosferica (1 bar) e  $R_f$  il rapporto di frizione.





## Procedure semplificate per la stima del potenziale di liquefazione

L'approccio prevalente per la valutazione del potenziale di liquefazione, specie per studi di microzonazione sismica, è quello basato sui cosiddetti metodi semplificati. Questi metodi consistono nell'applicazione di correlazioni empiriche tra osservazioni di casi reali di liquefazione (e non), effettuate a seguito di terremoti di cui si hanno sistematiche e dettagliate descrizioni, ed i corrispondenti parametri del terreno misurati tramite indagini geotecniche in sito e che sono rappresentativi della resistenza del terreno alla liquefazione.

I metodi semplificati possono essere applicati in maniera deterministica e probabilistica. Per questo lavoro è stato seguito il primo tipo di approccio secondo il quale la curva di resistenza alla liquefazione, che esprime la resistenza del terreno in termini di rapporto di resistenza ciclica (*CRR*), viene determinata tracciando un limite che discrimina i casi di liquefazione osservati da quelli di non liquefazione nel caso di terremoti di magnitudo pari a 7.5.

Successivamente, il verificarsi o meno della liquefazione viene predetto calcolando il fattore di sicurezza  $F_L$ , inteso come rapporto tra la resistenza alla liquefazione del terreno (*CRR*) e la domanda sismica corrispondente al terremoto atteso, espressa come rapporto di sforzo ciclico (*CSR*), e valutando se questo sia minore di uno (liquefazione) o maggiore di uno (non liquefazione) (Facciorusso, 2008).



### *Il metodo di Idriss e Boulanger (2008)*

Attraverso il metodo proposto da Idriss e Boulanger (2008) è possibile calcolare il rapporto di resistenza ciclica ( $CRR$ ) a partire dai valori di resistenza alla punta ( $q_c$ ), attrito laterale ( $f_s$ ) e tensione geostatica verticale efficace ( $\sigma'_{v0}$ ). Questi valori permettono di calcolare il fattore di correzione (CQ) e la resistenza alla punta corretta per il carico litostatico ( $q_{cl}$ ); la resistenza alla punta normalizzata è data dal rapporto tra  $q_{cl}$  e la pressione atmosferica ( $p_a$ ). Una seconda correzione viene effettuata sulla base del contenuto di frazione fine ( $F_C$ ).

Nel caso del rapporto di sforzo critico ( $CSR$ ), viene calcolato il coefficiente di riduzione delle tensioni ( $r_d$ ) attraverso due relazioni ( $\alpha$  e  $\beta$ ) funzione della profondità e della magnitudo ( $M$ ) del terremoto atteso. Il valore di  $CSR$  dipende inoltre dall'accelerazione massima attesa in superficie ( $a_{max}$ ) e da quella gravitazionale ( $g$ ). Il contributo finale è dato dal rapporto tra tensione geostatica verticale totale ed efficace e da un fattore di correzione per la pressione di confinamento ( $K_\sigma$ ).

Infine il fattore di sicurezza alla liquefazione ( $F_L$ ), dato dal rapporto tra  $CRR$  e  $CSR$ , viene corretto per il fattore di scala della magnitudo ( $MSF$ ).

#### Peso di volume naturale, $\gamma$

Per la stima delle tensioni geostatiche verticali e quindi del rapporto ( $\sigma_{v0}/\sigma'_{v0}$ ) è necessario conoscere il peso di volume naturale  $\gamma$ , che è stato stimato dalla relazione proposta da Robertson e Cabal (2010)

$$\frac{\gamma}{\gamma_w} = 0.27 \cdot \log(R_f) + 0.36 \cdot \log\left(\frac{q_c}{p_a}\right) + 1.236 \quad [6]$$

#### Fattore di scala della magnitudo, $MSF$

$$MSF = 6.9 \cdot e^{(-M/4) - 0.058} \quad [7]$$

dove  $MSF$  deve risultare minore o uguale a 1.8.

#### Coefficiente di riduzione delle tensioni, $r_d$

$$r_d = e^{[\alpha(z) + \beta(z) \cdot M]} \quad [8]$$



$$\alpha(z) = -1.012 - 1.126 \cdot \text{sen}(z/11.73 + 5.133) \quad [9]$$

$$\beta(z) = -0.106 - 0.118 \cdot \text{sen}(z/11.28 + 5.142) \quad [10]$$

dove  $z$  è la profondità espressa in metri.

Fattore di correzione per la pressione di confinamento,  $K_\sigma$

$$K_\sigma = 1 - C_\sigma \cdot \ln(\sigma'_{v0} / p_a) \quad [11]$$

$$C_\sigma = 1 / [37.3 - 8.27 \cdot (q_{c1N})^{0.264}] \quad [12]$$

dove  $K_\sigma$  e  $C_\sigma$  devono risultare minori o uguali a 1.1 e 0.3, rispettivamente.

Resistenza di punta normalizzata,  $q_{c1n}$

$$q_{c1n} = C_Q \cdot (q_c / p_a) \quad [13]$$

$$C_Q = (p_a / \sigma'_{v0})^n \quad [14]$$

$$n = 1.338 - 0.249 \cdot (q_{c1N})^{0.264} \quad [15]$$

dove  $C_Q$  deve risultare minore o uguale a 1.7.

Resistenza di punta normalizzata e corretta per la frazione fine,  $q_{c1n,cs}$

Il contenuto di fini ( $F_C$ ), necessario per calcolare  $q_{c1n,cs}$ , viene stimato tramite le seguenti equazioni empiriche (Idriss e Boulanger, 2008) ed il valore dell'Indice di comportamento del terreno ( $I_C$ )

$$F_C = 2.8 \cdot I_C^{2.6} \quad [16]$$

$$q_{c1n,cs} = q_{c1n} + \Delta q_{c1n} \quad [17]$$

$$\Delta q_{c1n} = \left( 5.4 + \frac{q_{c1n}}{16} \right) \cdot e^{\left[ 1.63 + \frac{9.7}{F_C + 0.01} \left( \frac{15.7}{F_C + 0.01} \right)^2 \right]} \quad [18]$$

Rapporto di resistenza ciclica,  $CRR_{7.5}$

$$CRR_{7.5} = e^{\left[ \frac{q_{c1n,cs}}{540} + \left( \frac{q_{c1n,cs}}{540} \right)^2 - \left( \frac{q_{c1n,cs}}{80} \right)^3 + \left( \frac{q_{c1n,cs}}{114} \right)^4 - 3 \right]} \quad [19]$$

Rapporto di sforzo ciclico,  $CSR$



$$CSR = 0.65 \cdot \left( \frac{\sigma_{v0}}{\sigma'_{v0}} \right) \cdot \left( \frac{a_{\max}}{g} \right) \cdot r_d \cdot \frac{1}{K_\sigma} \quad [20]$$

$$F_s = \frac{CRR_{7.5}}{CSR} \cdot MSF$$

Fattore di sicurezza alla liquefazione,  $F_s$

$$F_s = \frac{CRR_{7.5}}{CSR} \cdot MSF \quad [21]$$



### *Indicazioni per la comprensione delle schede tecniche*

Le indagini penetrometriche disponibili sono state elaborate con il *software* "Cliq" (versione 1.7.5.27) prodotto dalla società *Geologismiki*.

I parametri di input per la determinazione dei parametri geotecnici e per la valutazione dell'Indice del Potenziale di liquefazione sono i valori di resistenza alla punta ( $q_c$ ), attrito laterale ( $f_s$ ), pressione interstiziale ( $u_2$ ), livello piezometrico, accelerazione ( $g$ ) e magnitudo del terremoto.

A seguire le schede tecniche che riportano, per ciascuna penetrometria analizzata, una serie di grafici e diagrammi qui dettagliati.

Partendo dall'alto a sinistra, il primo e il secondo diagramma si riferiscono rispettivamente all'andamento della resistenza alla punta corretta ( $q_t$ ) ed al rapporto delle resistenze ( $R_f$ ).

Il terzo diagramma mostra l'andamento dell'Indice di comportamento del terreno ( $I_C$ )

- |                          |   |
|--------------------------|---|
| - $1 \leq I_C \leq 1.31$ | ghiaie e sabbie grossolane                            |
| - $1.31 < I_C \leq 2.05$ | sabbie (da sabbie pulite e sabbie limose)             |
| - $2.05 < I_C \leq 2.60$ | miscele di sabbia (da sabbie limose e limi sabbiosi)  |
| - $2.60 < I_C \leq 2.95$ | miscele di limo (da limi argillosi ad argille limose) |
| - $2.95 < I_C \leq 3.6$  | argille (da argille limose ad argille)                |
| - $I_C > 3.6$            | suoli organici (torbe)                                |

Nel quarto diagramma la curva viola rappresenta l'andamento del rapporto di resistenza ciclica ( $CRR$ ) del sottosuolo mentre la curva in rosso l'andamento del rapporto di sforzo ciclico ( $CSR$ ): il rapporto tra  $CRR$  e  $CSR$ , corretto per il fattore di scala della magnitudo ( $MSF$ ), definisce il fattore di sicurezza alla liquefazione ( $F_s$ ).

La curva azzurra nel quinto diagramma mostra appunto l'andamento del fattore di sicurezza alla liquefazione ( $F_s$ ): secondo la procedura proposta da Iwasaki *et al.* (1982), quando  $F_s > 1$  si verifica la liquefazione.

Il diagramma in basso a sinistra definisce il limite tra orizzonti liquefacibili e non (curva nera) rispetto al valore di resistenza ciclica del terreno ( $CRR$ ) nel caso di sabbie pulite, secondo quanto proposto da Idriss e Boulanger (2008).



Infine nel grafico in basso a destra, l'identificazione del tipo di suolo per ciascun livello indagato dalla penetrometria secondo il diagramma normalizzato proposto da Robertson (1990): la curva in rosso individua il limite tra litologie liquefacibili (e non) a 2.60, in base alla procedura proposta da Idriss e Boulanger (2008).



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# **Schede tecniche ed analisi penetrometrie**

**LIQUEFACTION ANALYSIS REPORT**

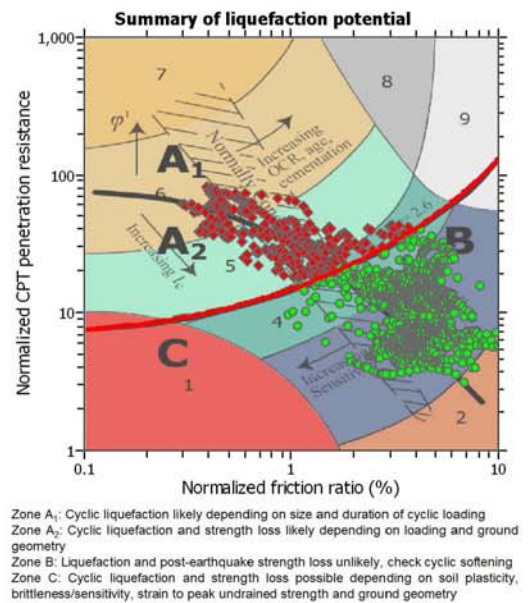
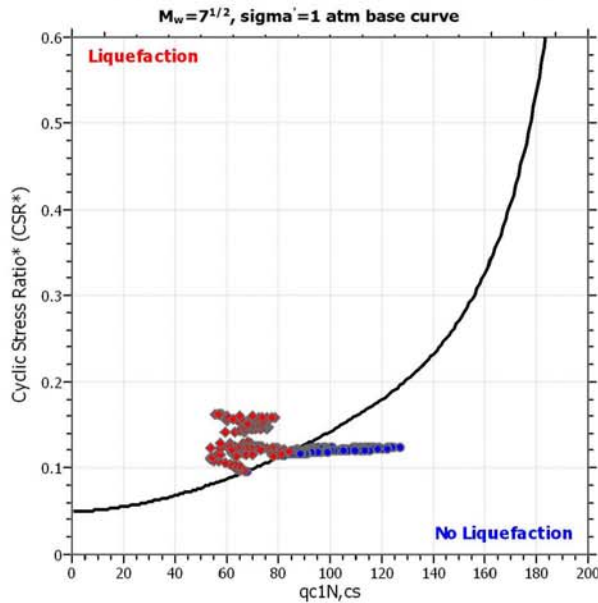
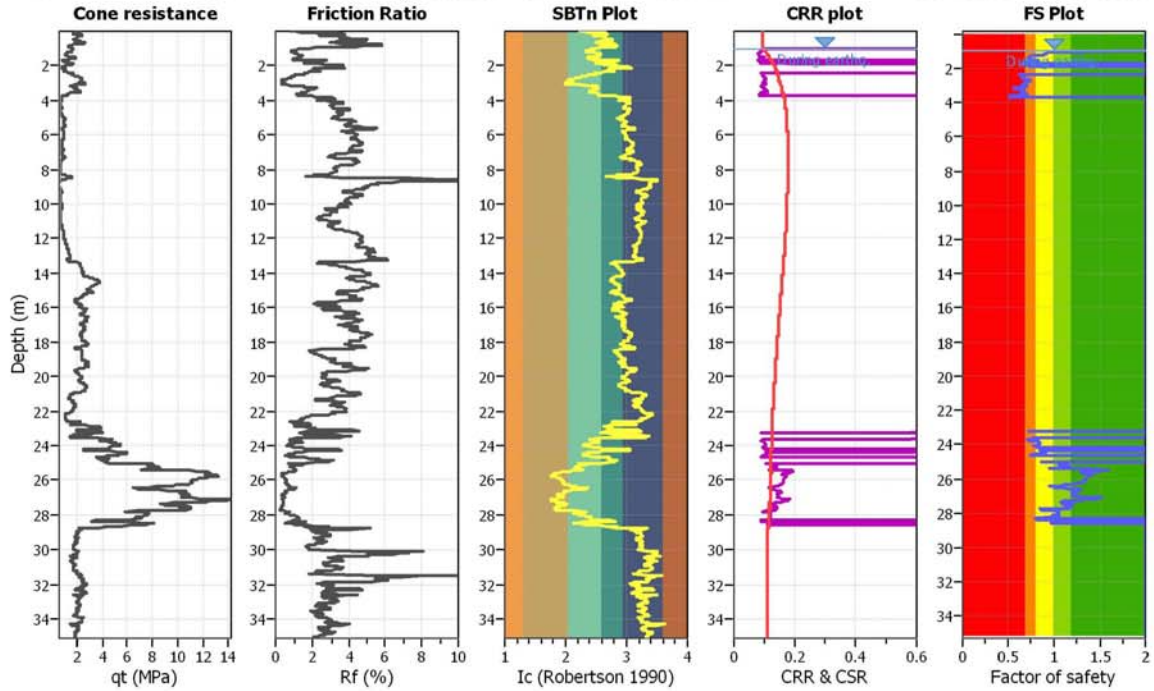
**Project title :**

**Location :**

**CPT file : 185130B002**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

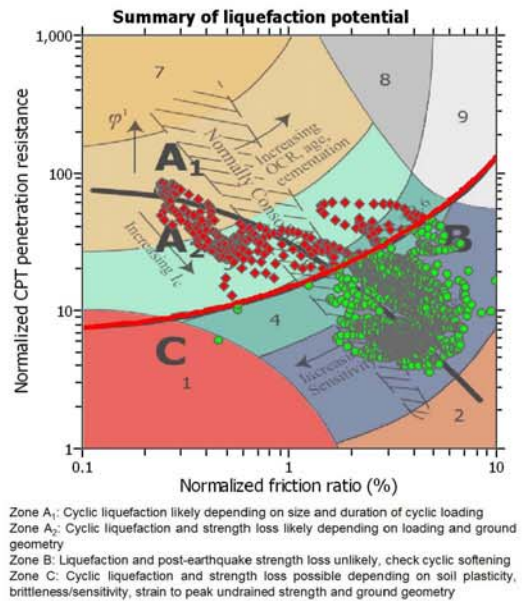
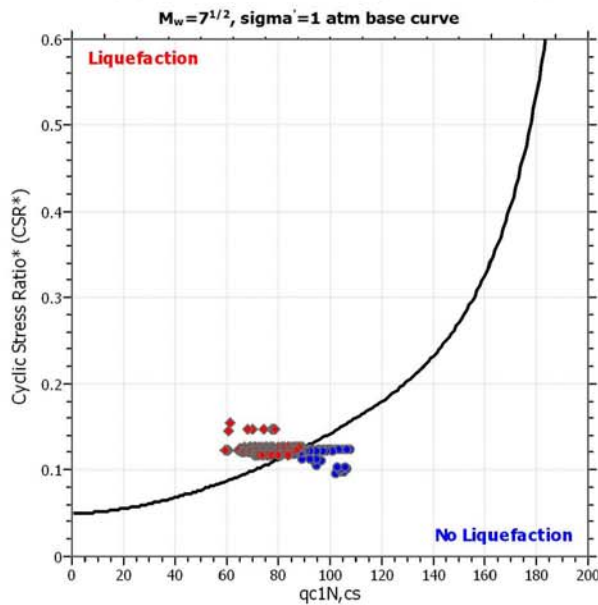
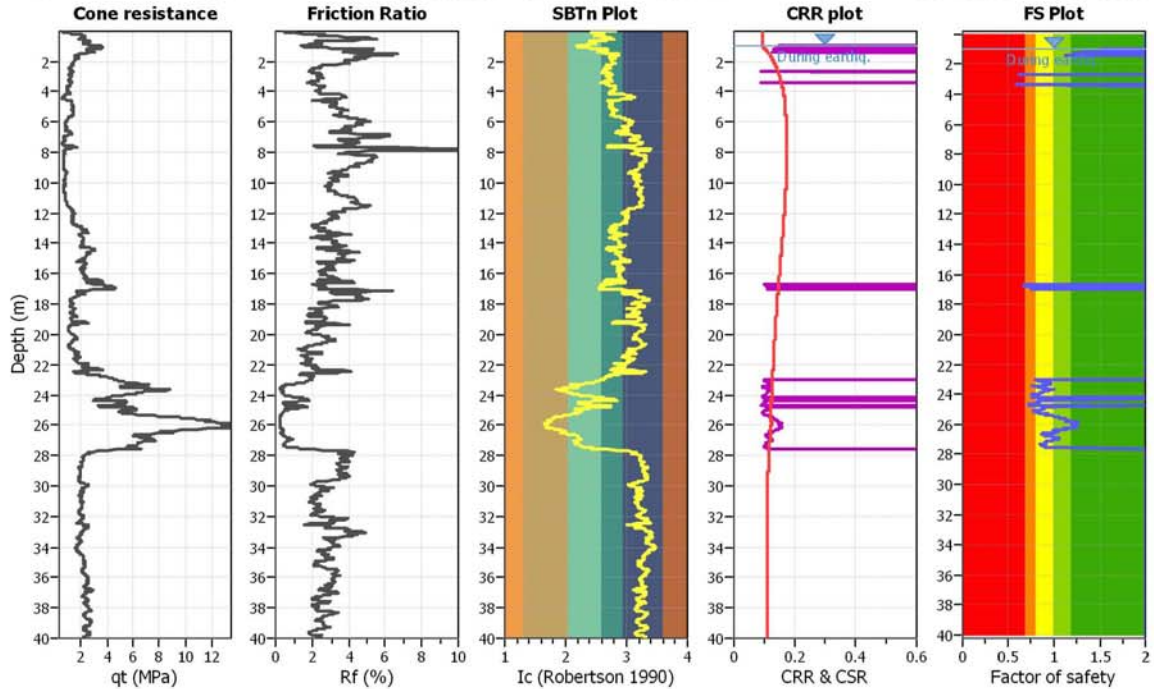
**Project title :**

**Location :**

**CPT file : 185130B003**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

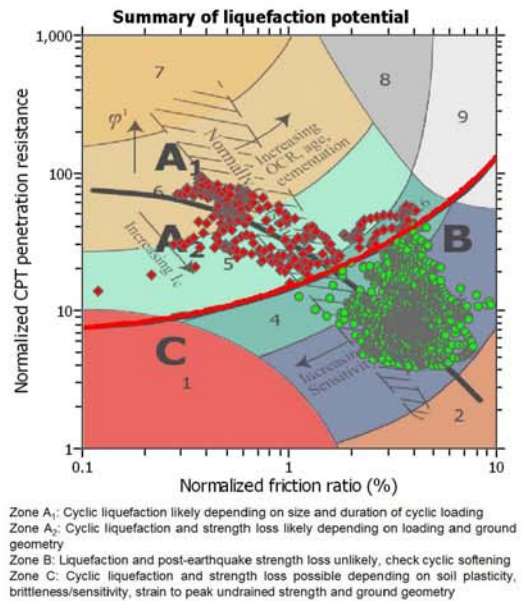
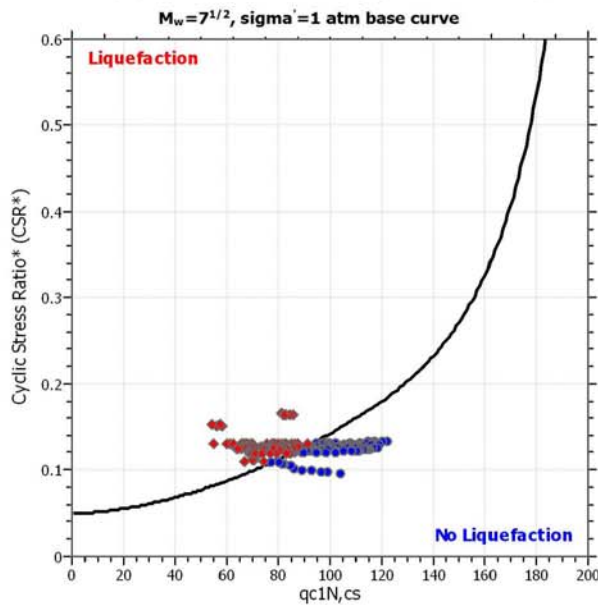
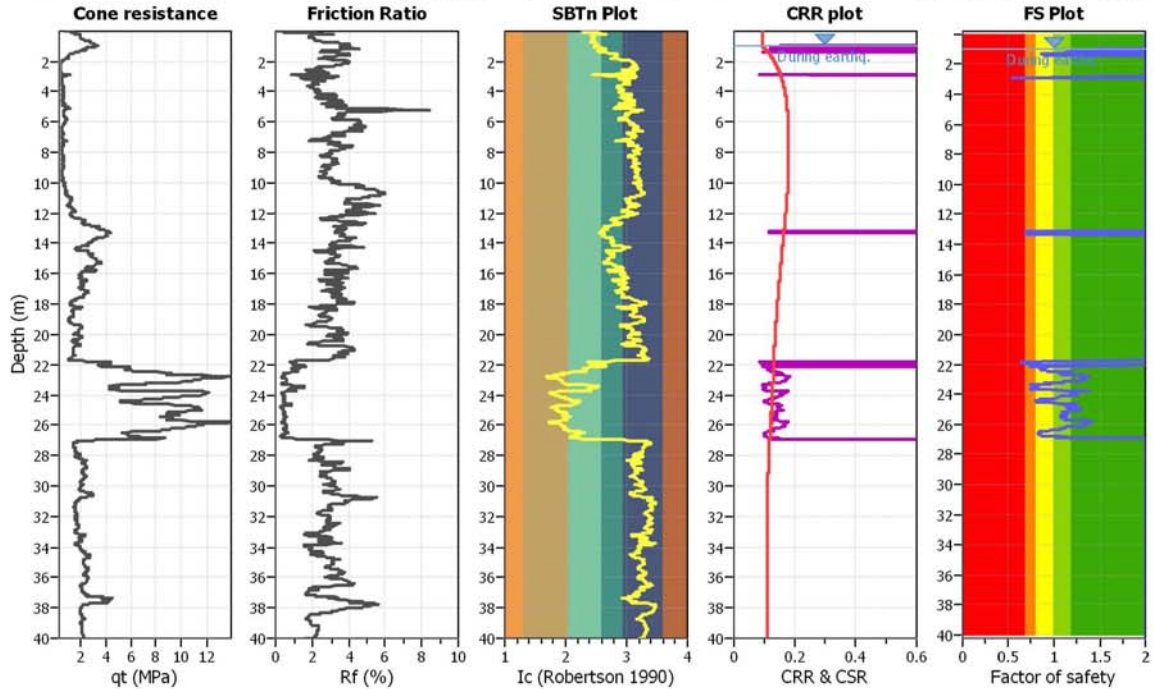
**Project title :**

**Location :**

**CPT file : 185130B004**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

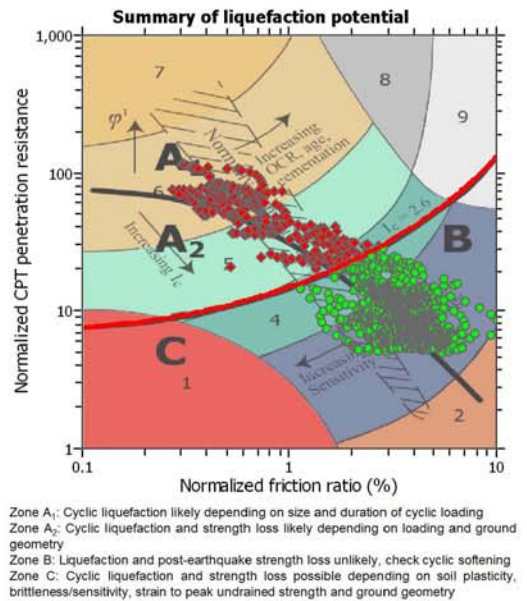
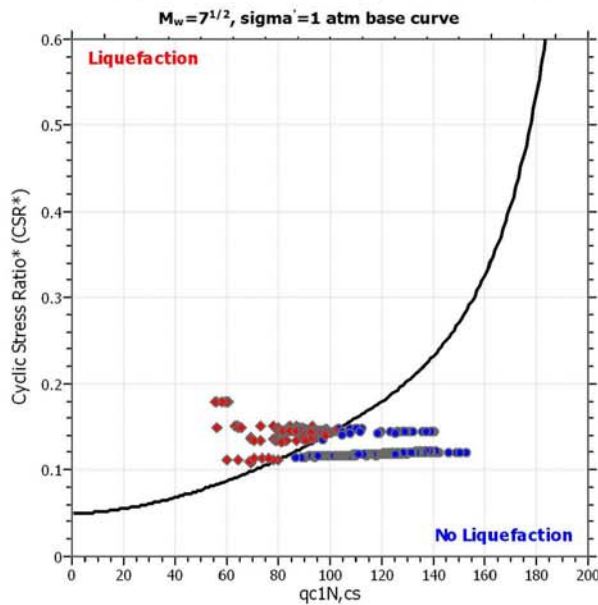
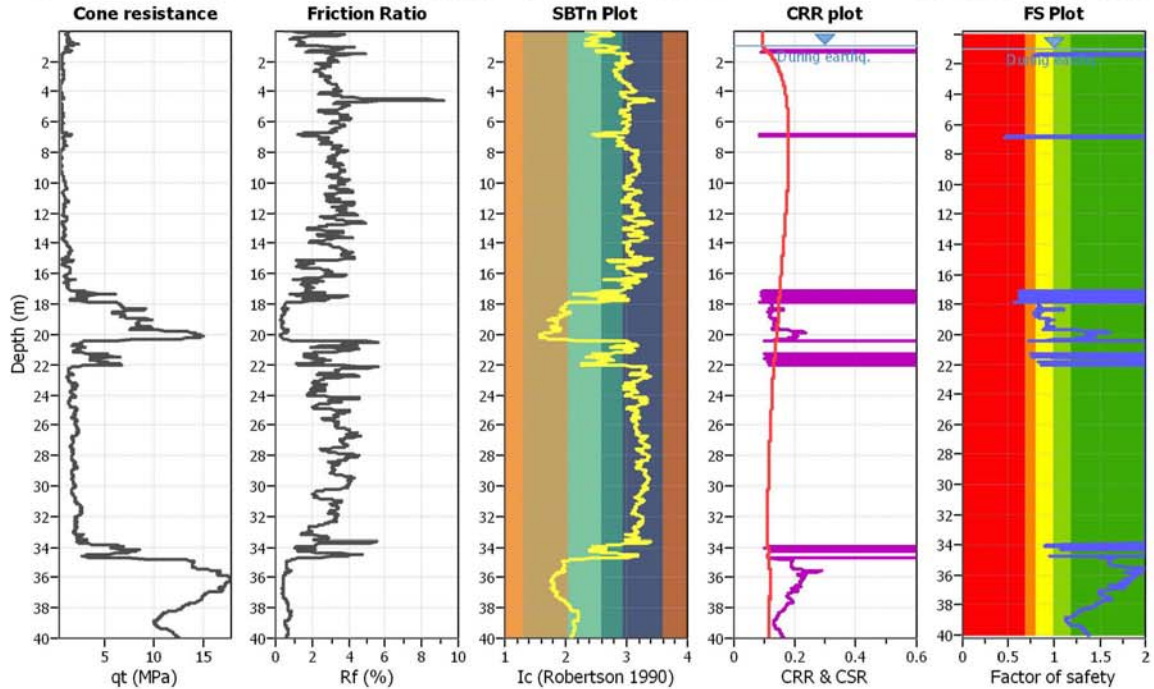
**Project title :**

**Location :**

**CPT file : 185130B005**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

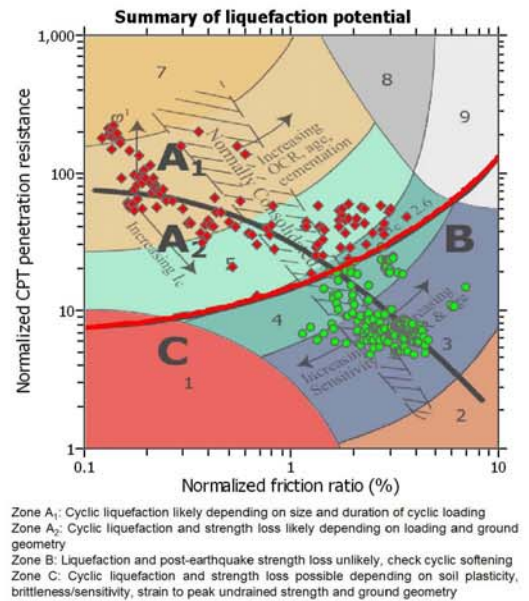
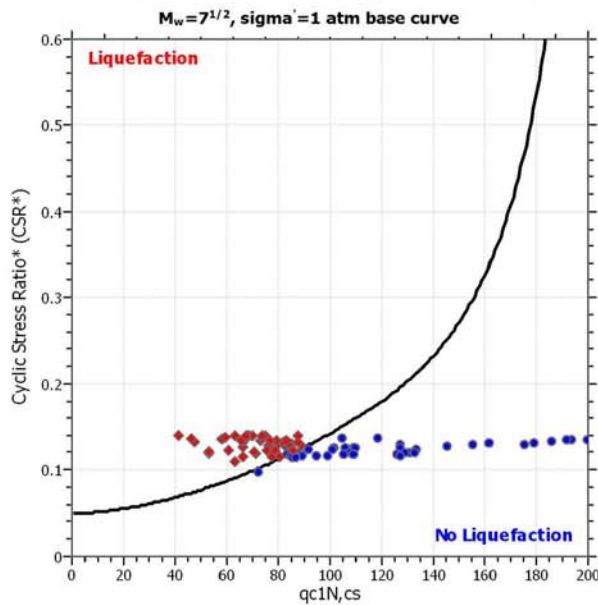
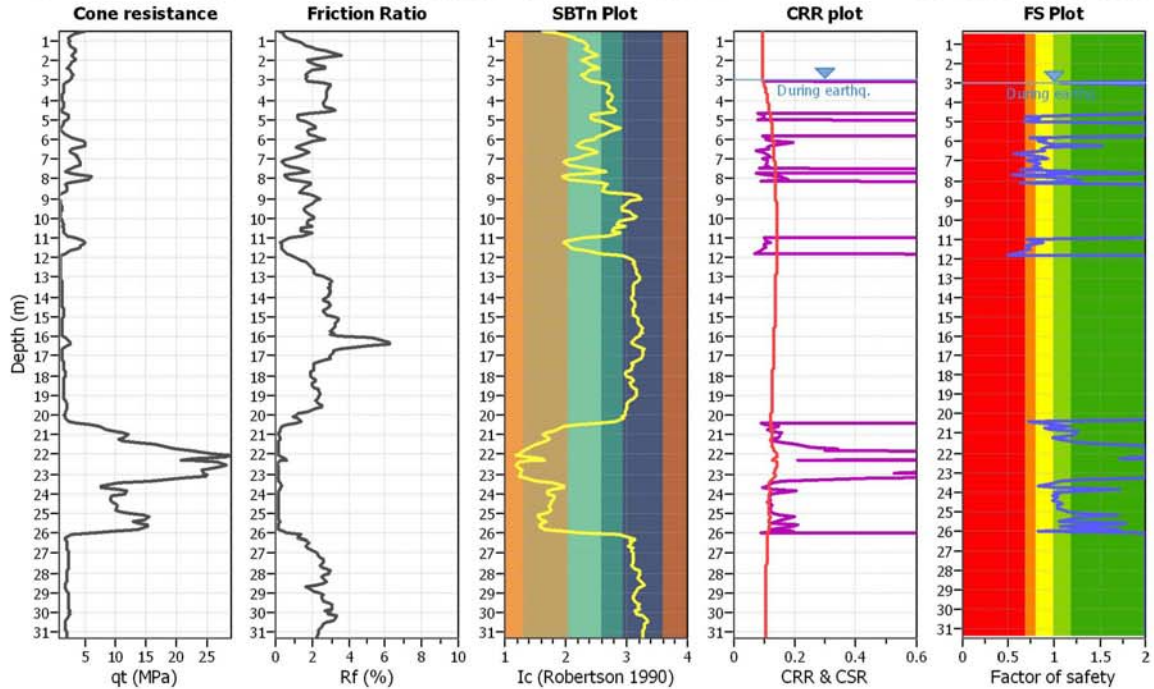
**Project title :**

**Location :**

**CPT file : 185130B501**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

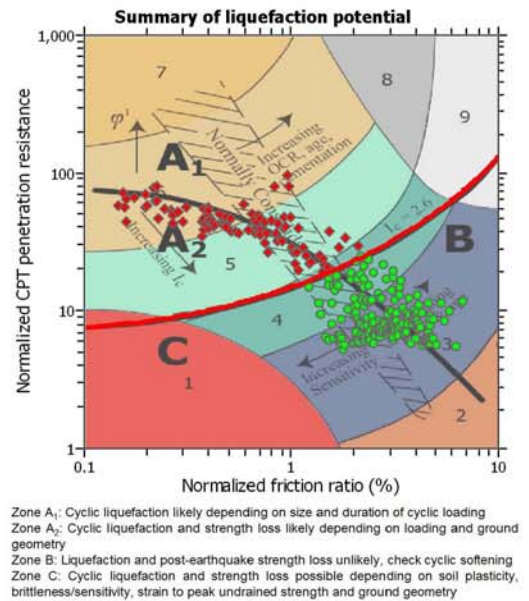
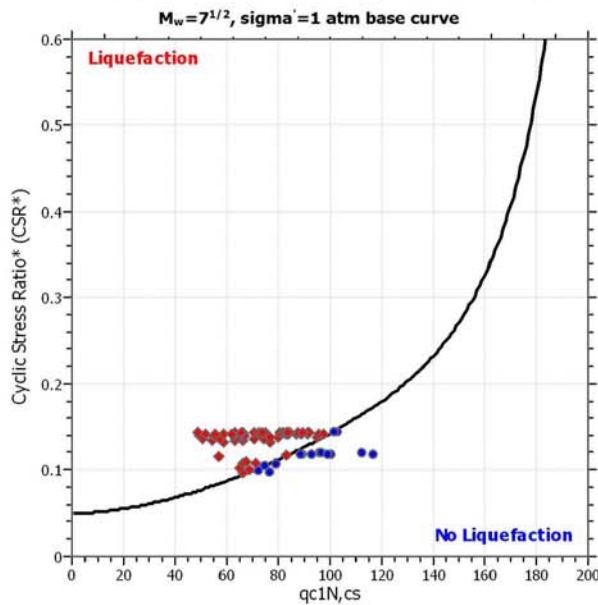
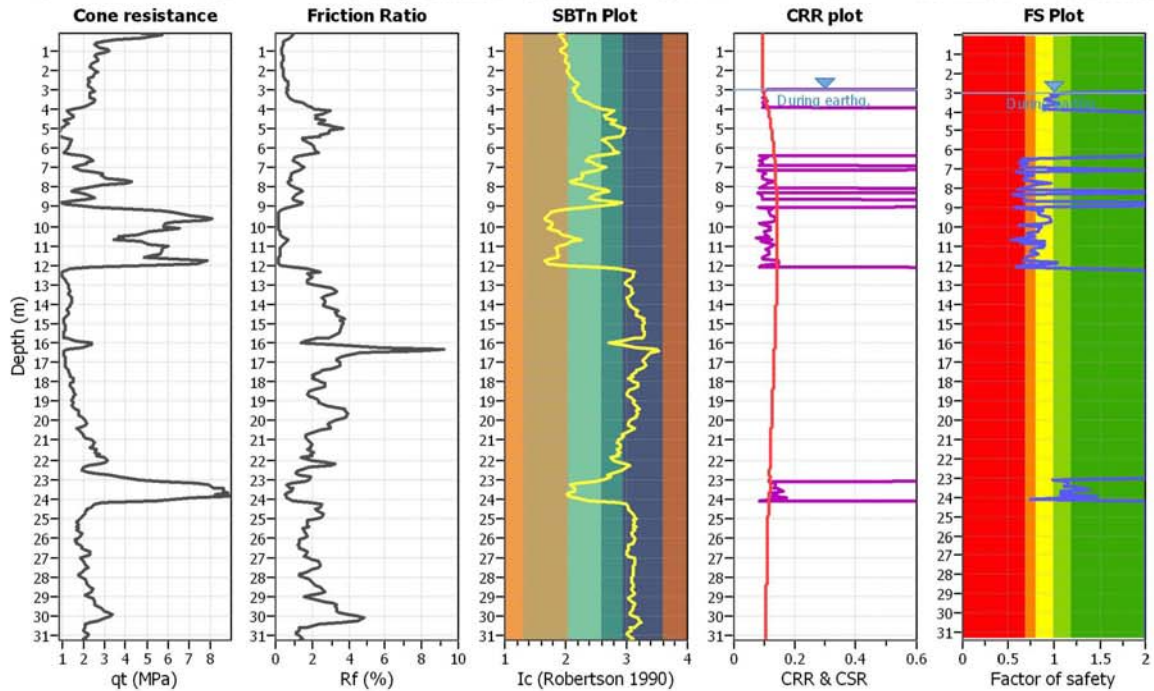
**Project title :**

**Location :**

**CPT file : 185130B502**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

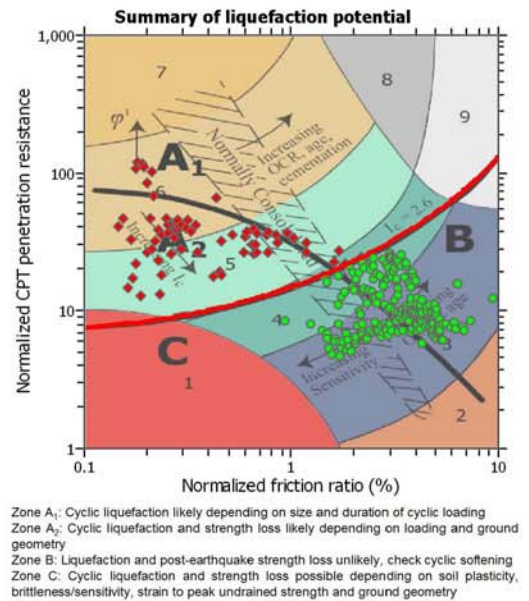
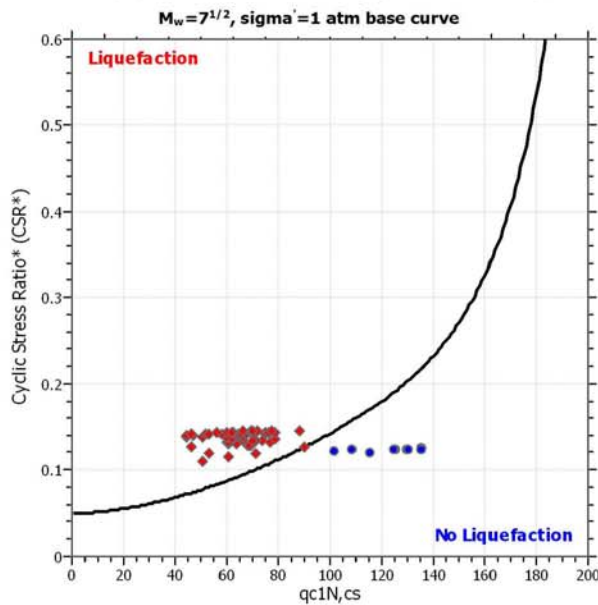
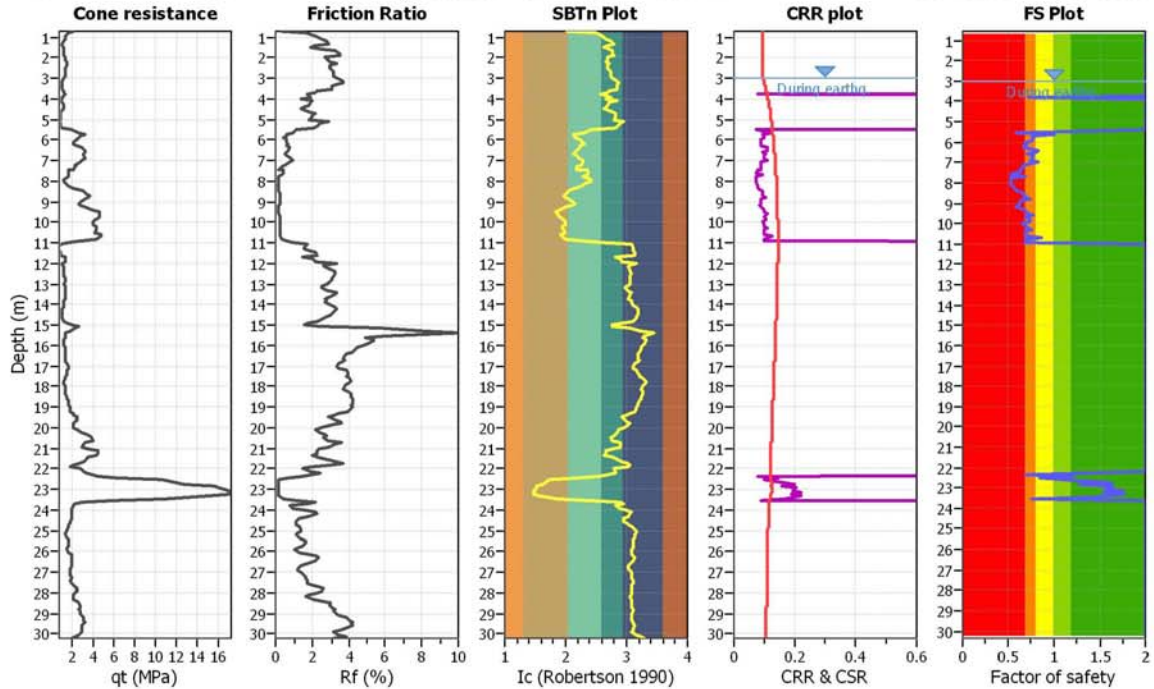
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**Location :**

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**Input parameters and analysis data**

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Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

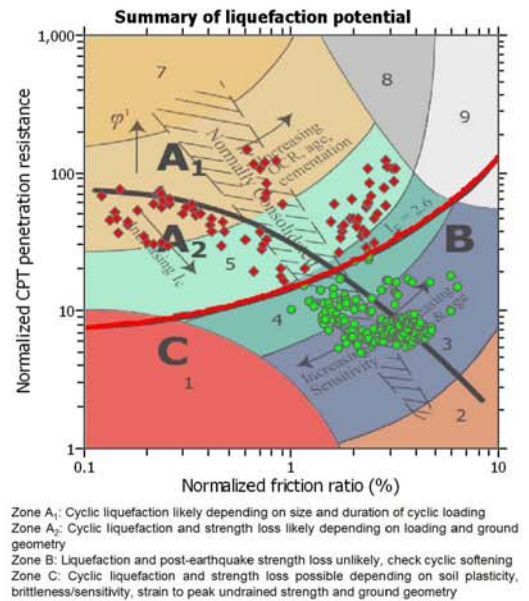
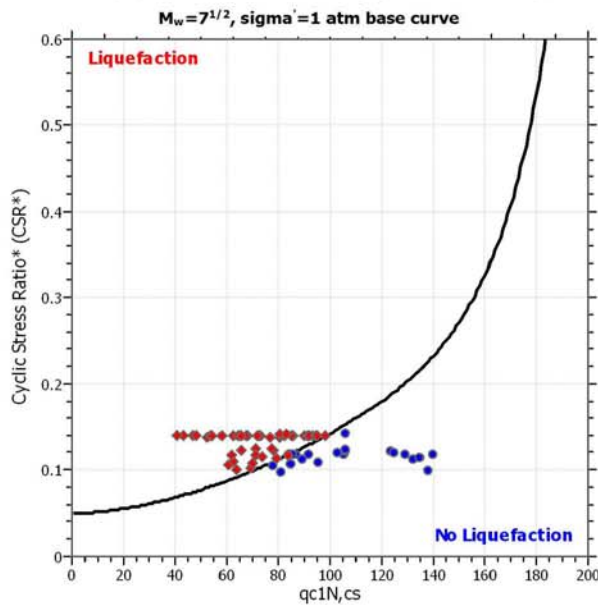
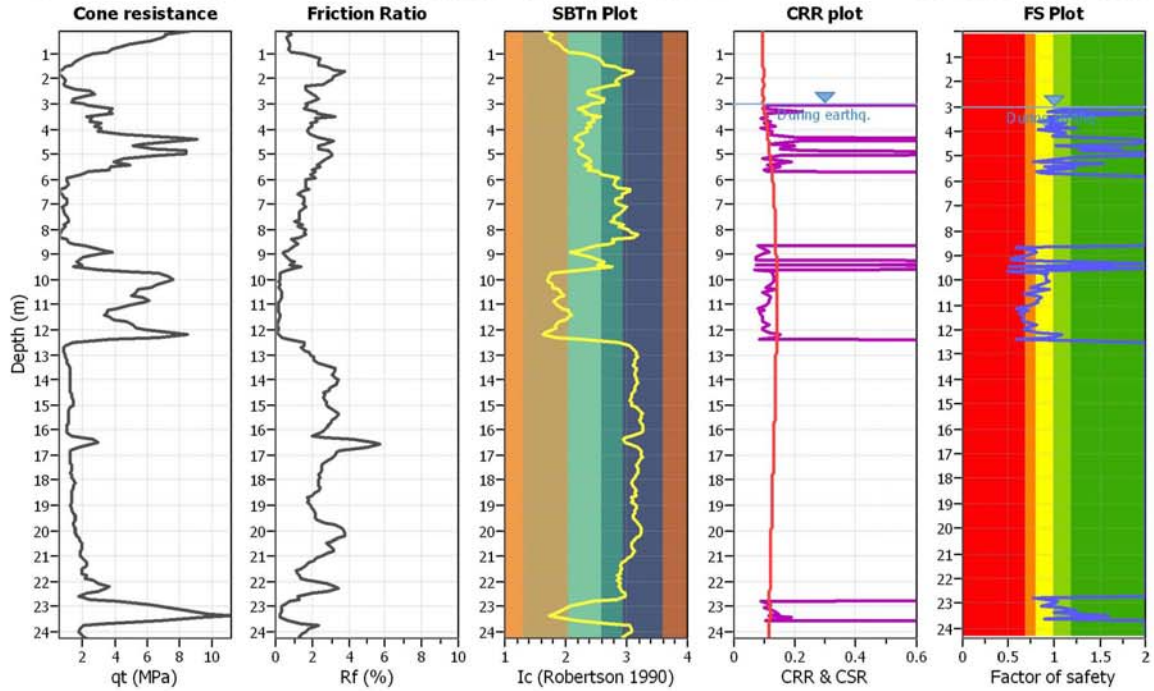
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Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

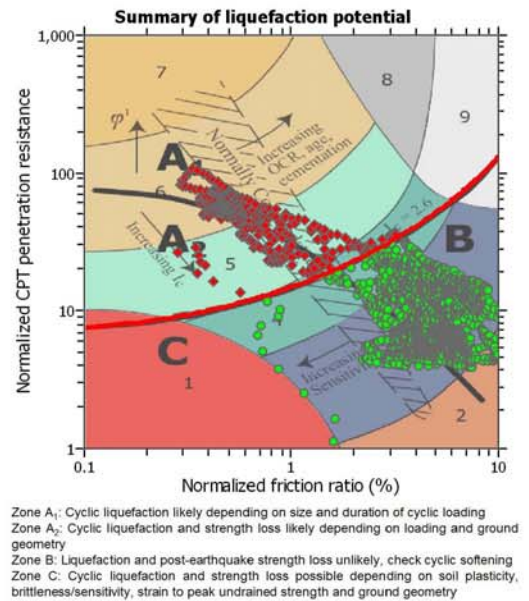
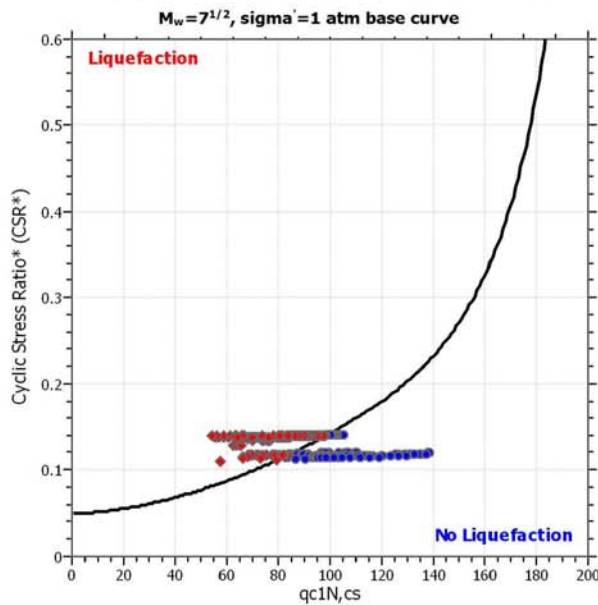
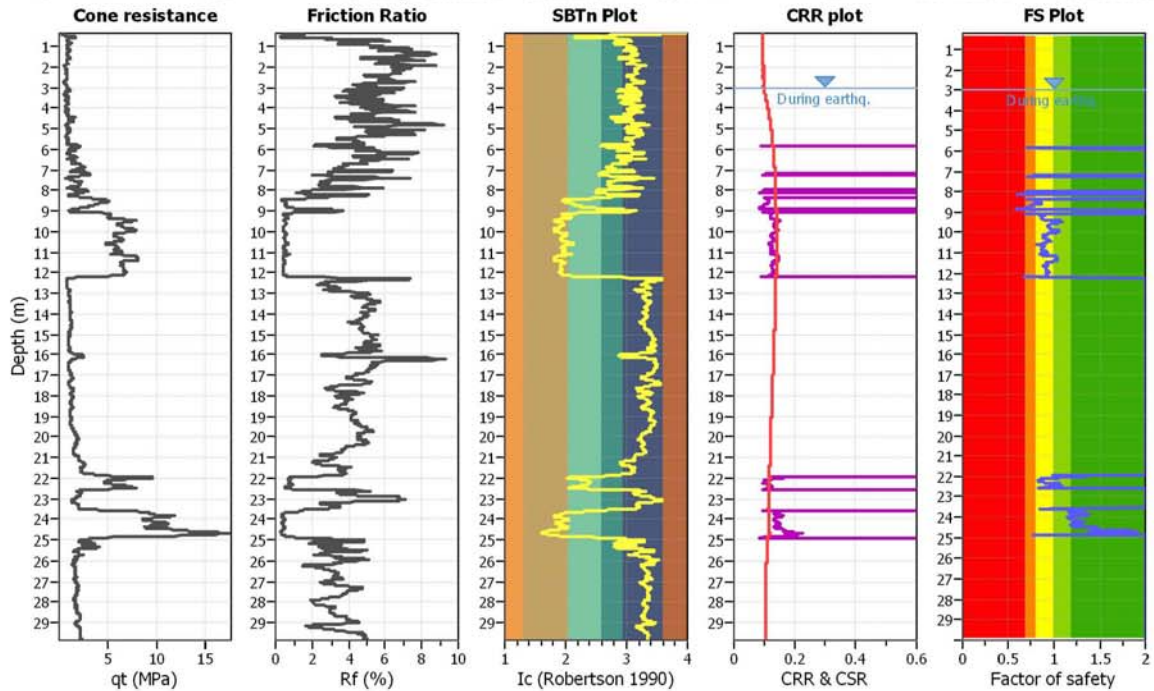
**Project title :**

**Location :**

**CPT file : 185130B995**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

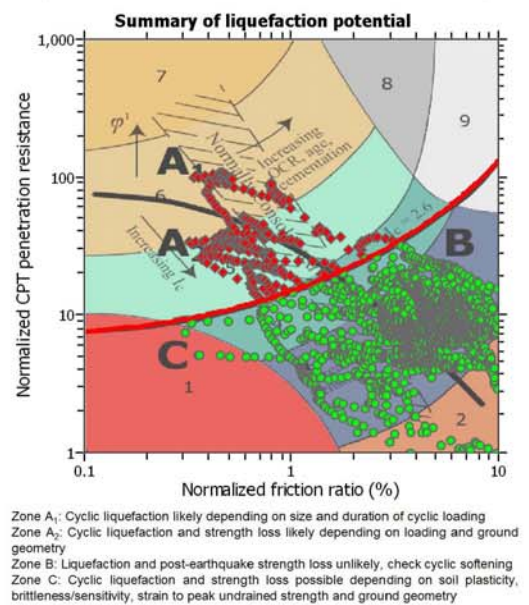
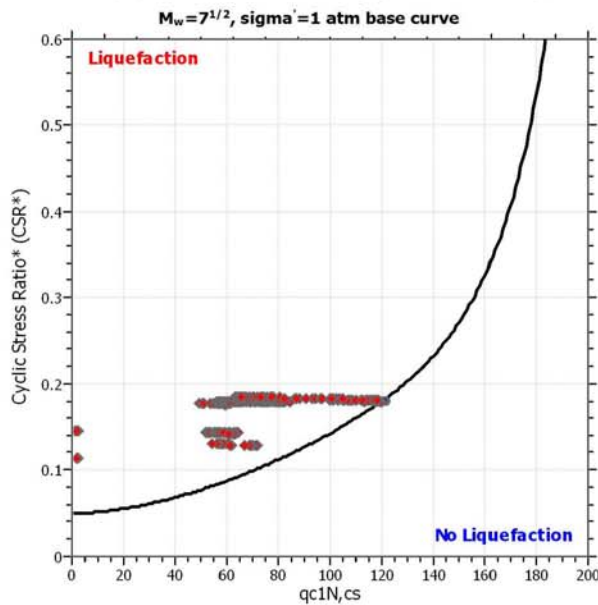
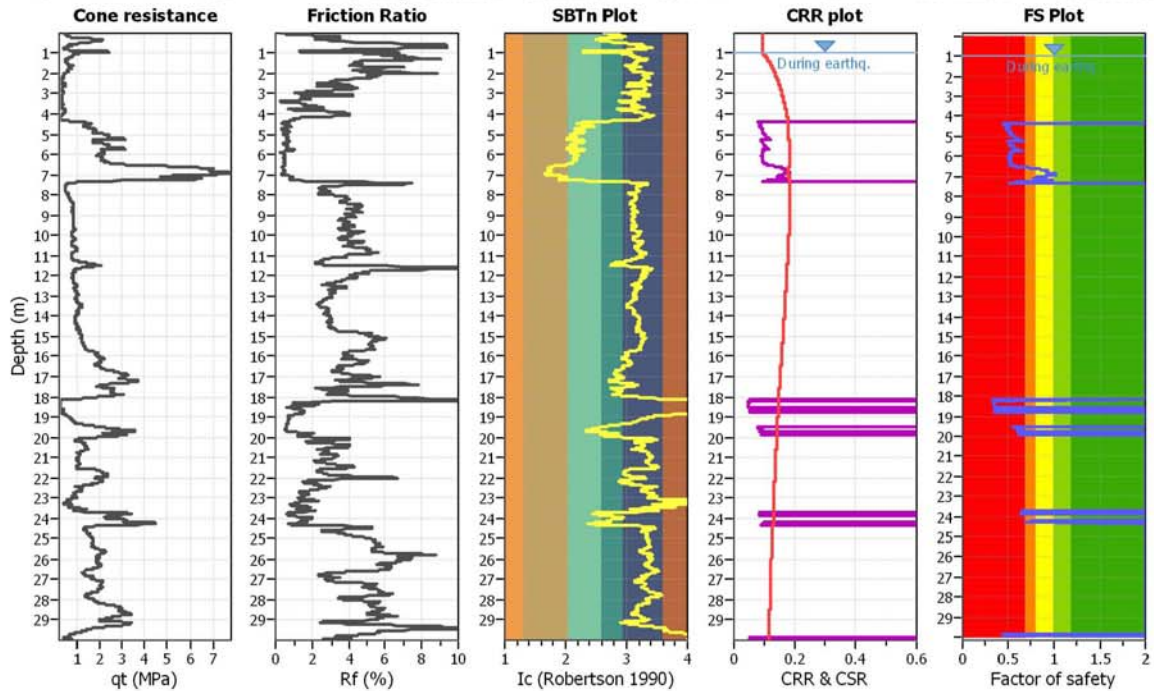
**Project title :**

**Location :**

**CPT file : 185130B996**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

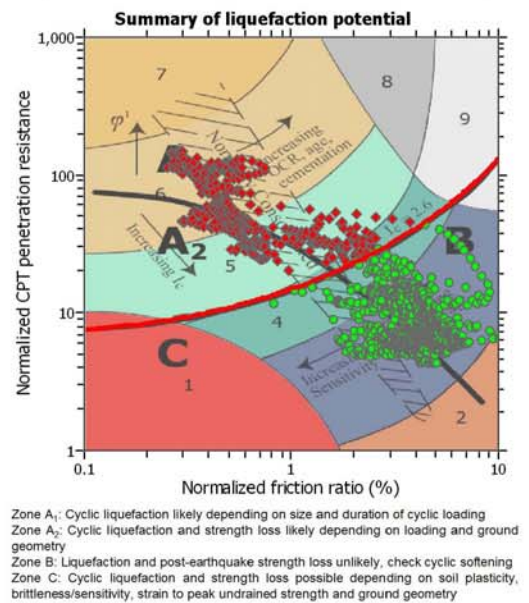
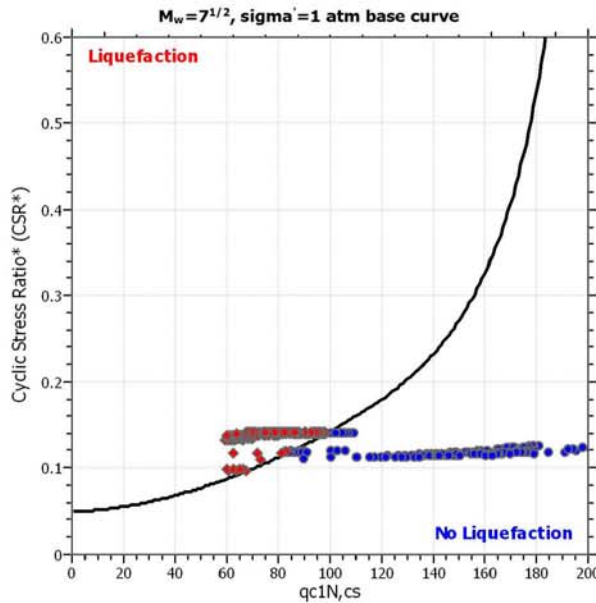
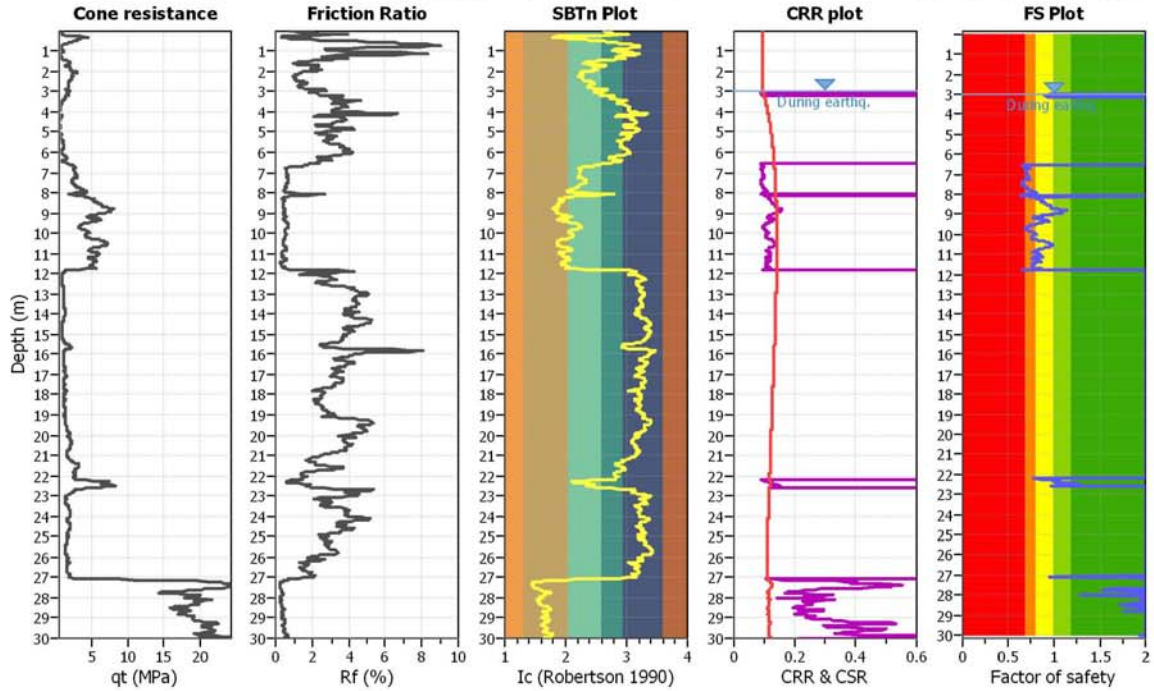
**Project title :**

**Location :**

**CPT file : 185130B998**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

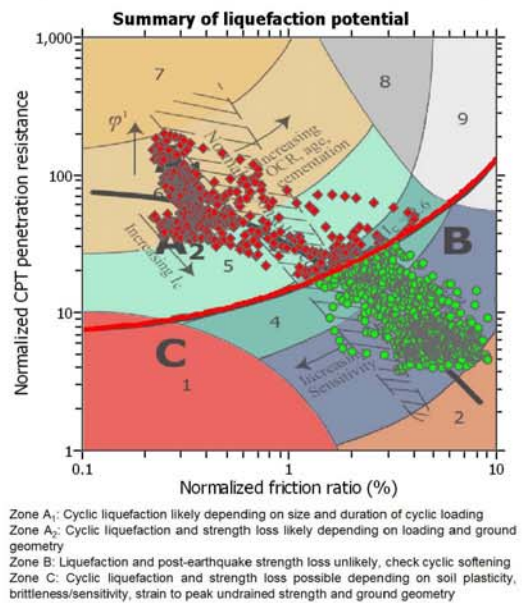
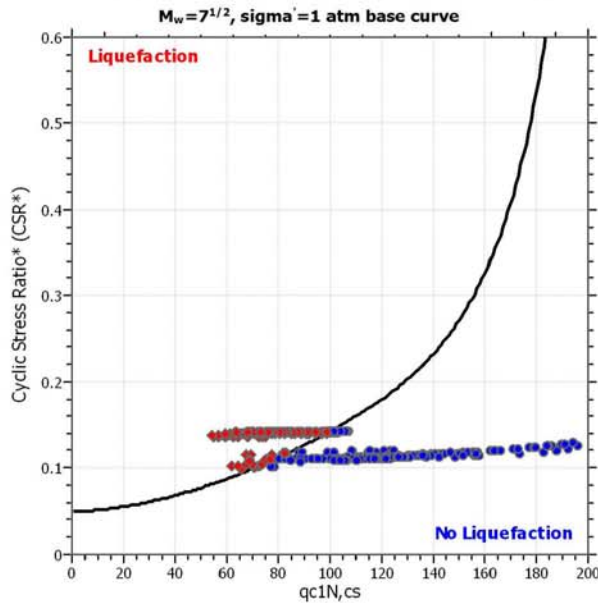
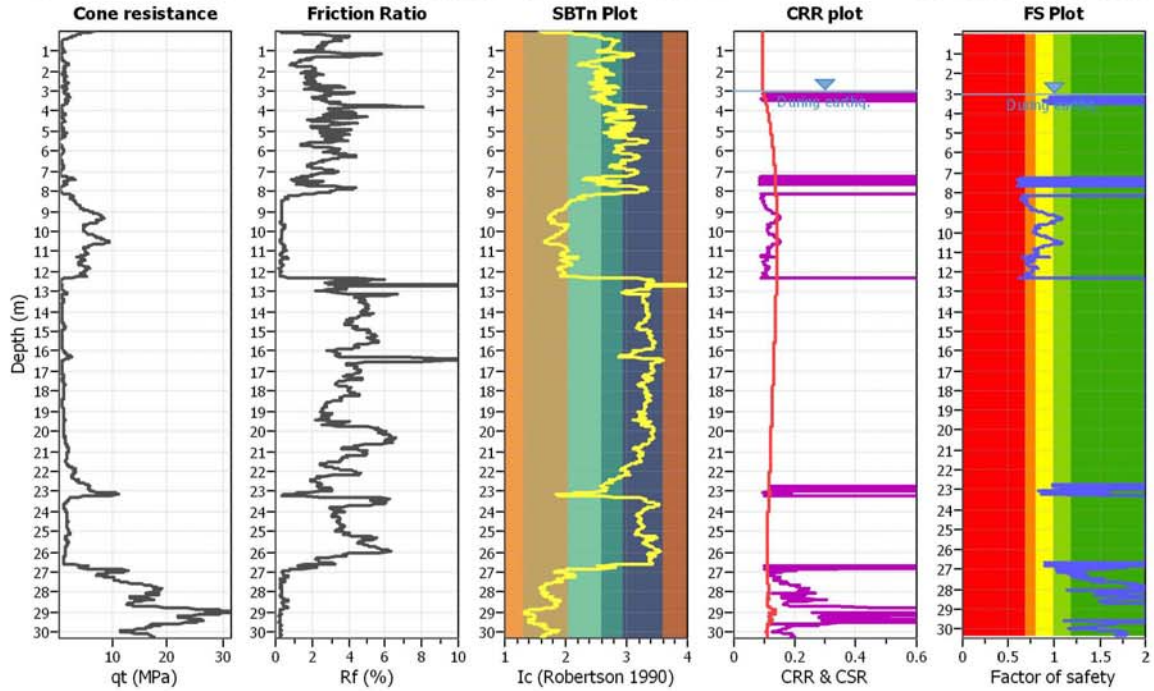
**Project title :**

**Location :**

**CPT file : 185130B999**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

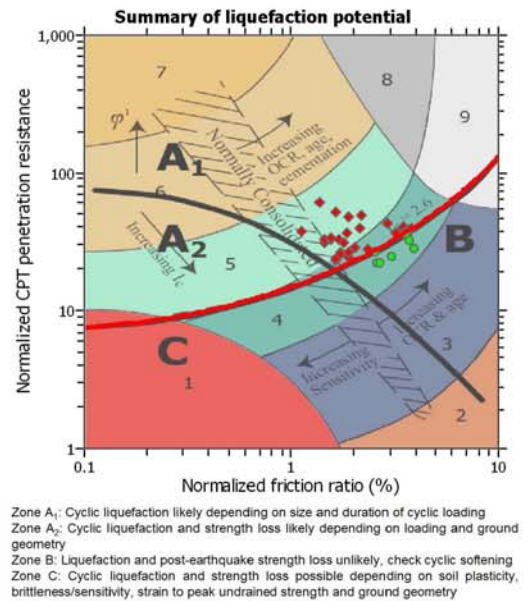
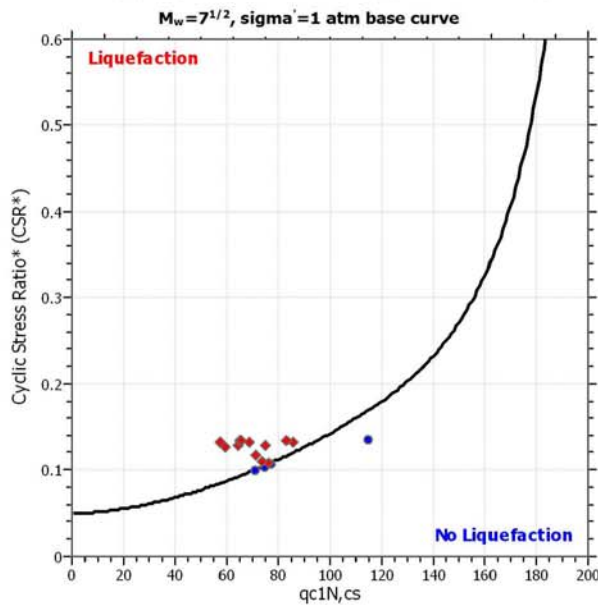
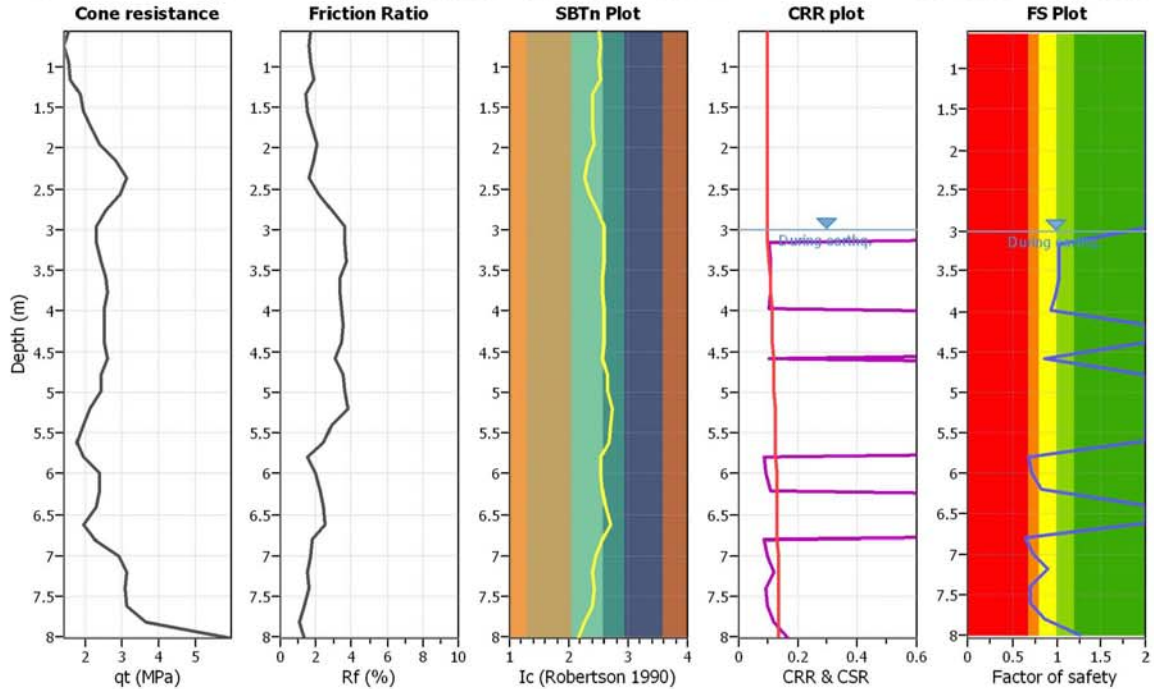
**Project title :**

**Location :**

**CPT file : 185130C001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

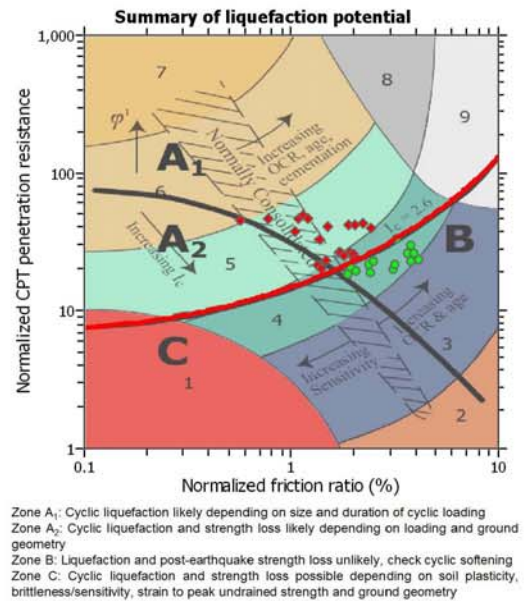
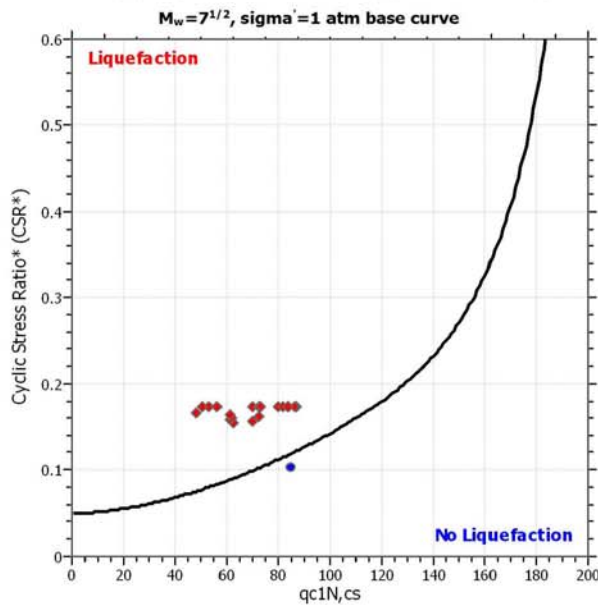
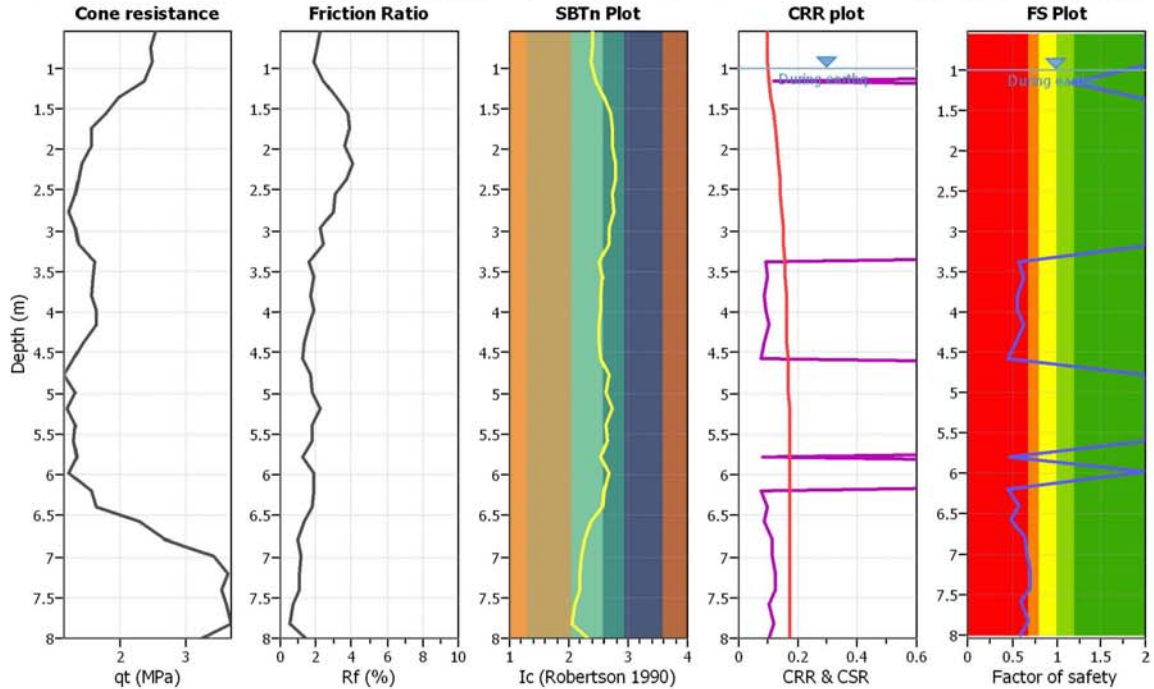
**Project title :**

**Location :**

**CPT file : 185130C002**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

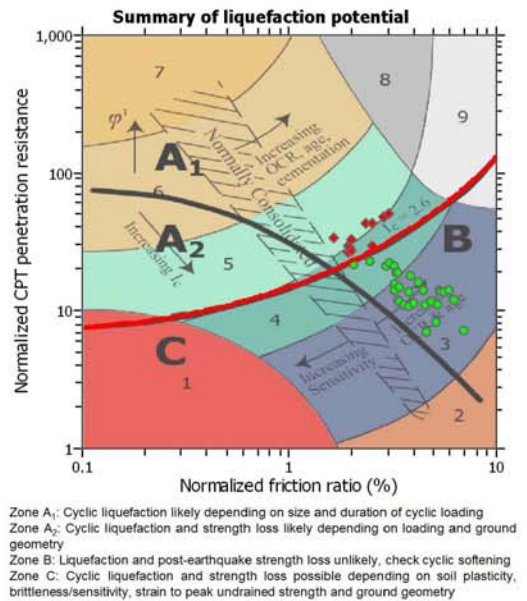
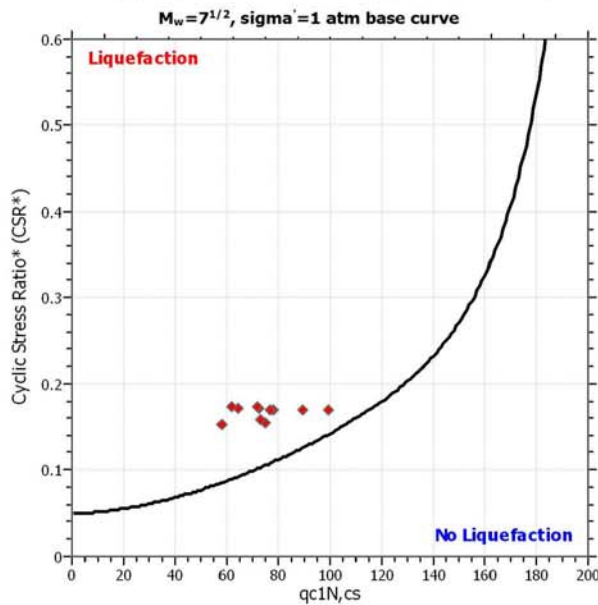
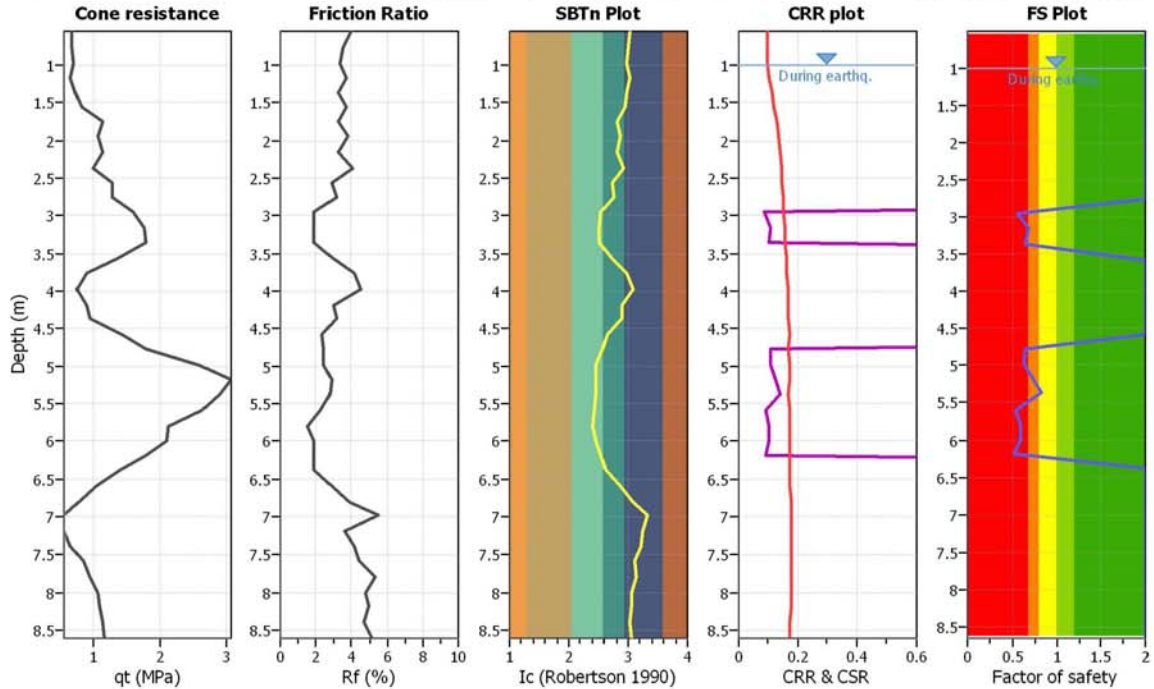
**Project title :**

**Location :**

**CPT file : 185130C003**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

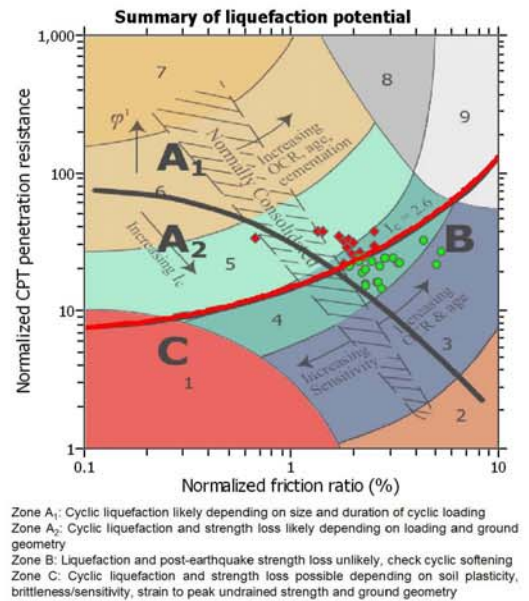
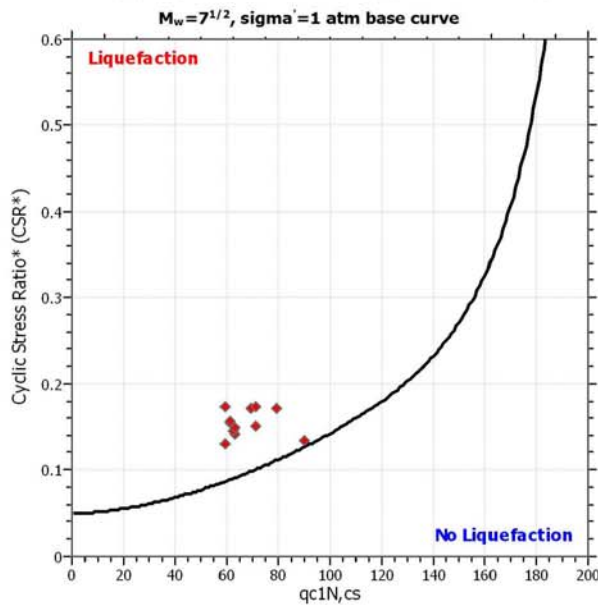
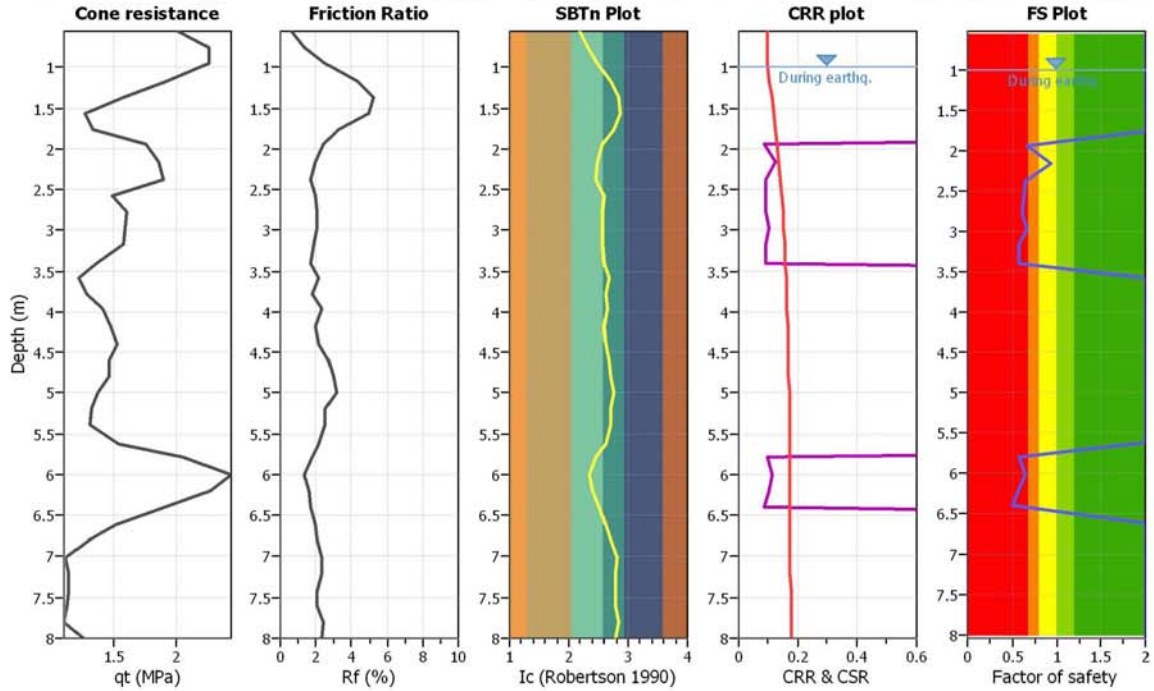
**Project title :**

**Location :**

**CPT file : 185130C004**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

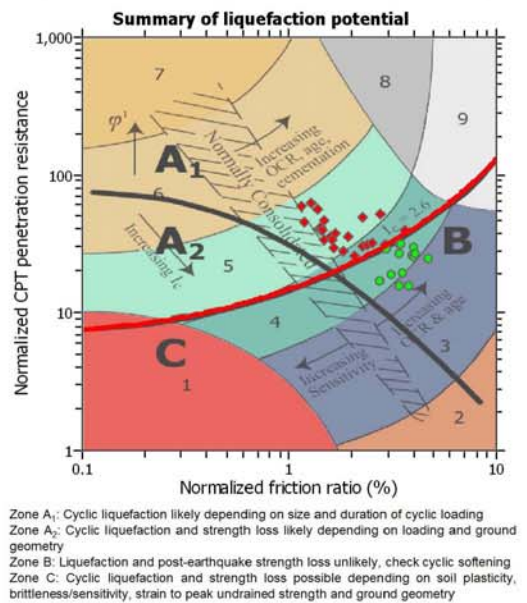
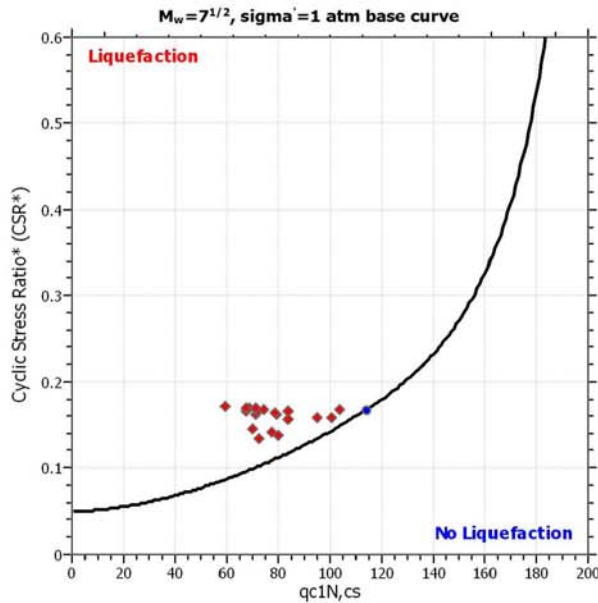
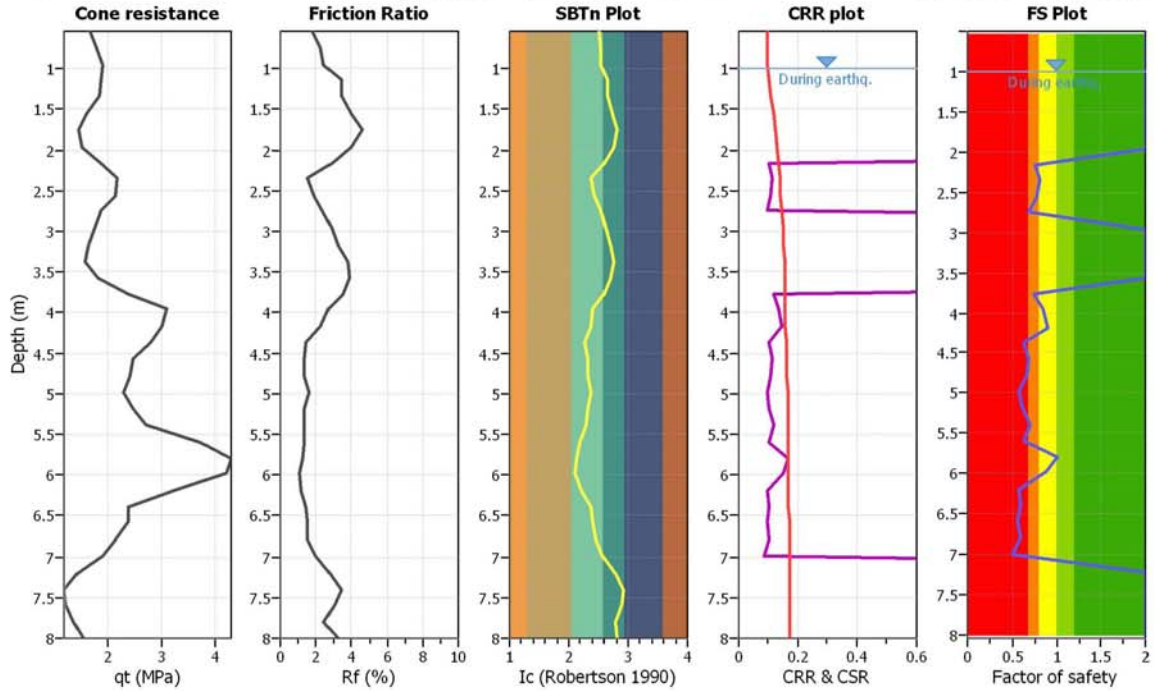
**Project title :**

**Location :**

**CPT file : 185130C005**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

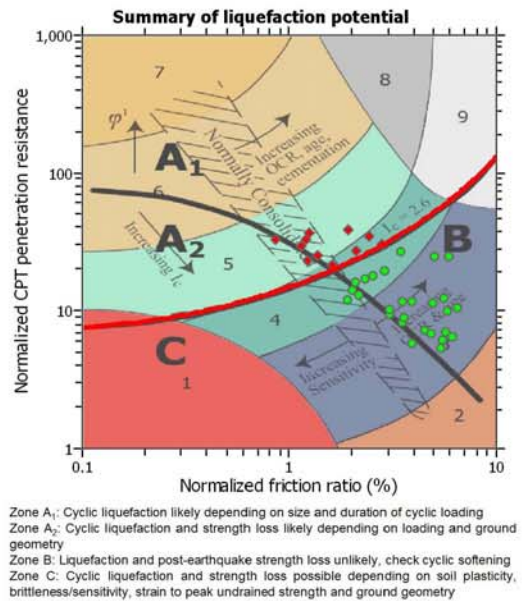
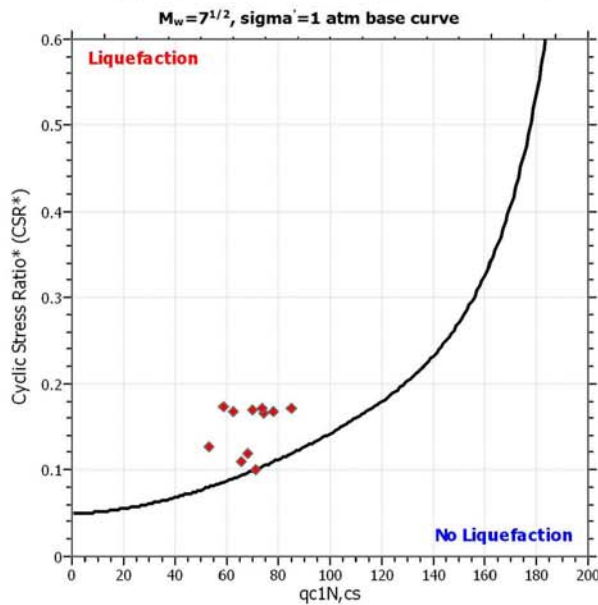
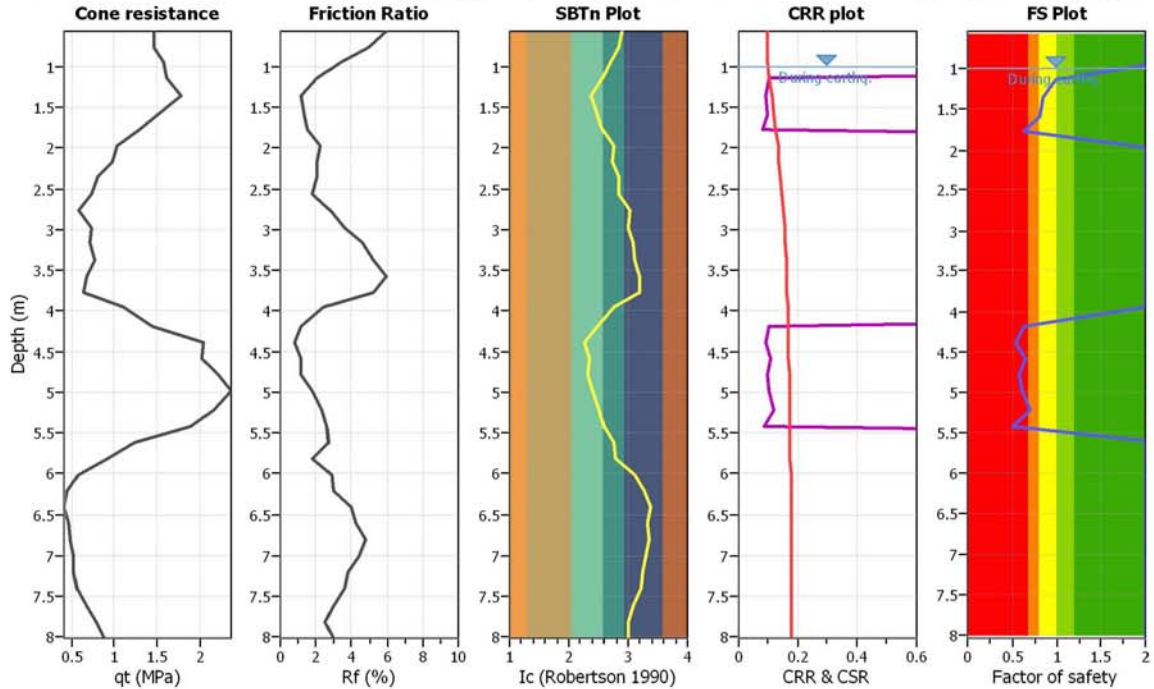
**Project title :**

**Location :**

**CPT file : 185130C006**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

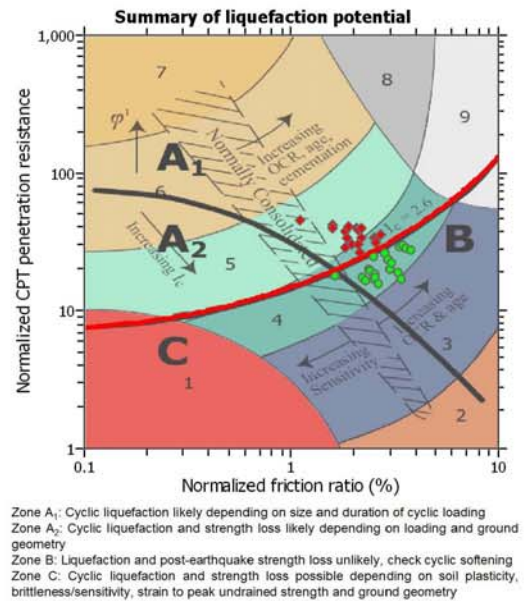
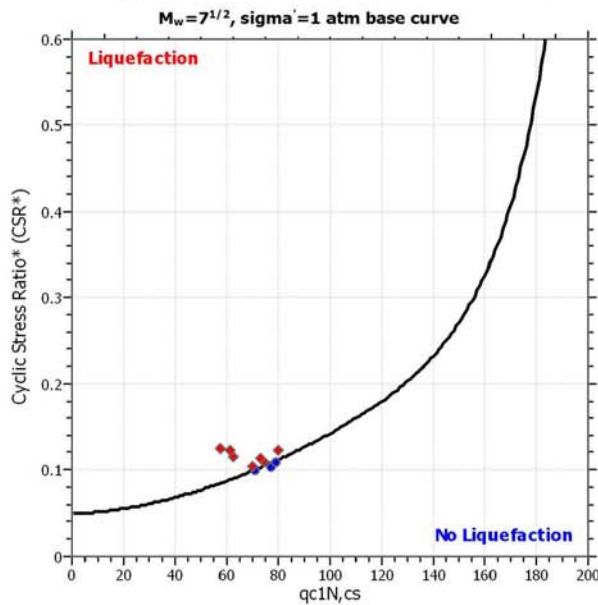
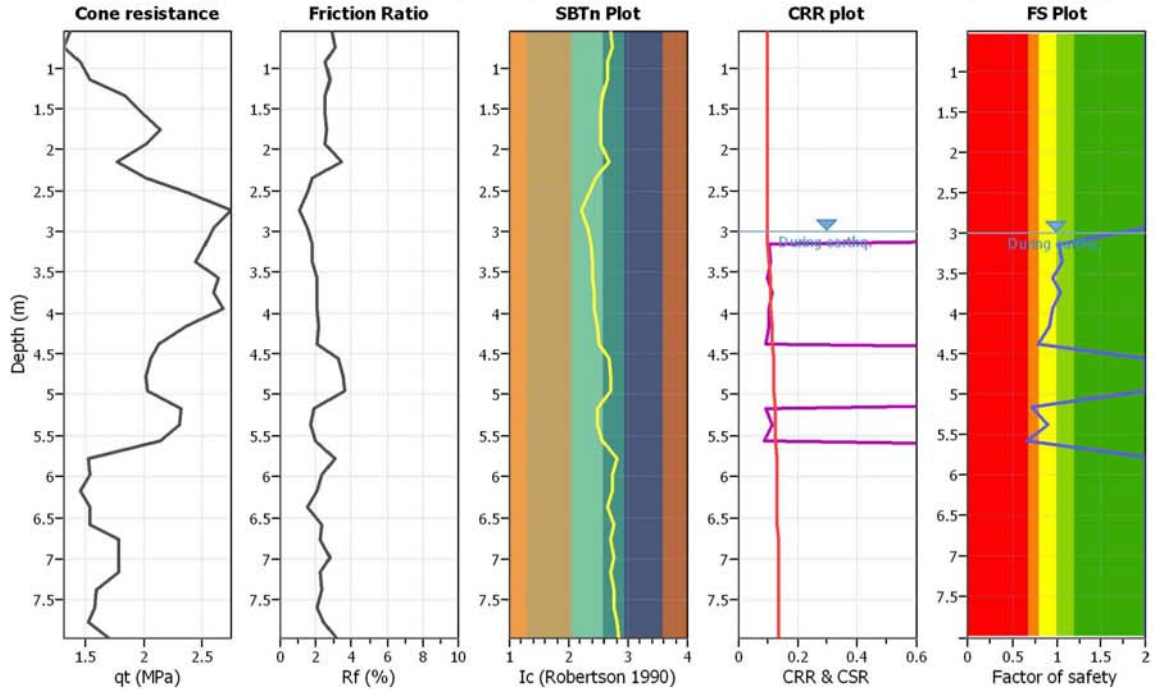
**Project title :**

**Location :**

**CPT file : 185130C007**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

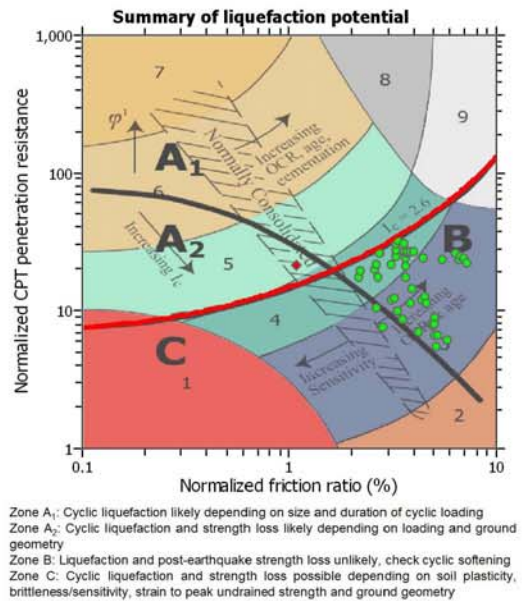
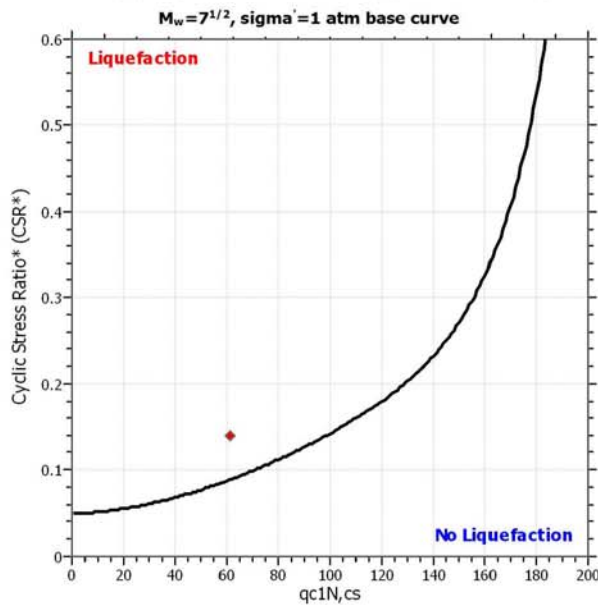
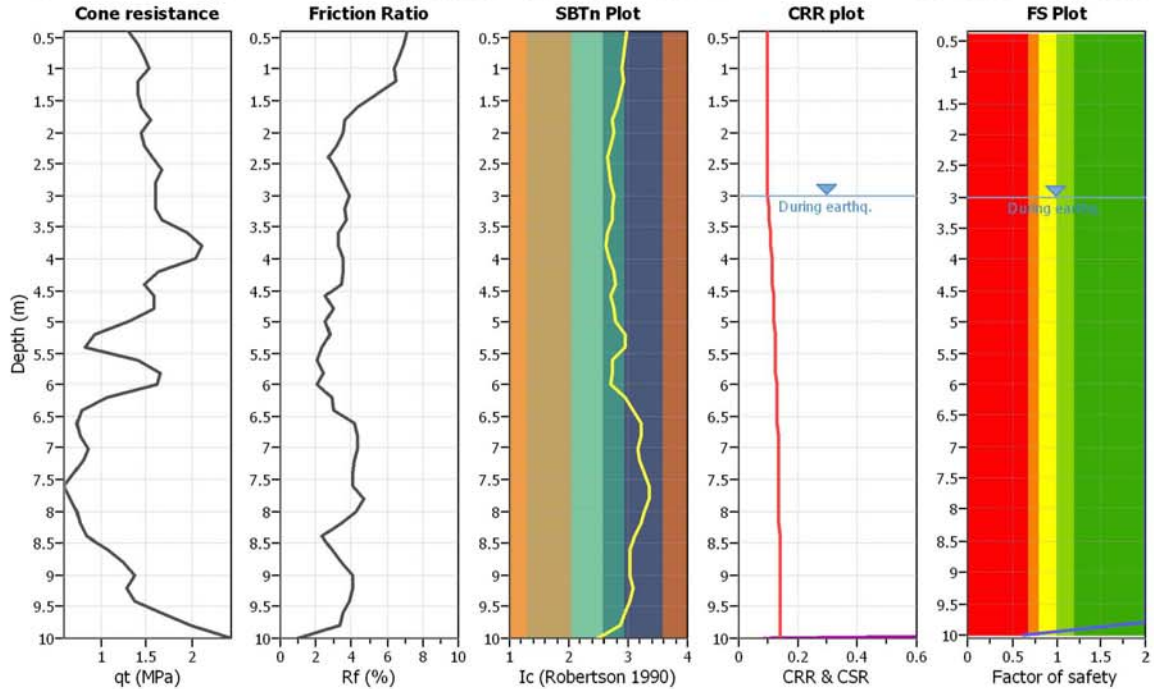
**Project title :**

**Location :**

**CPT file : 185130C008**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

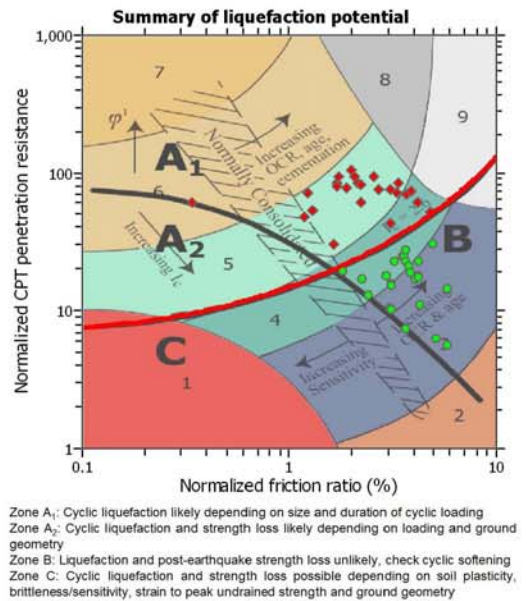
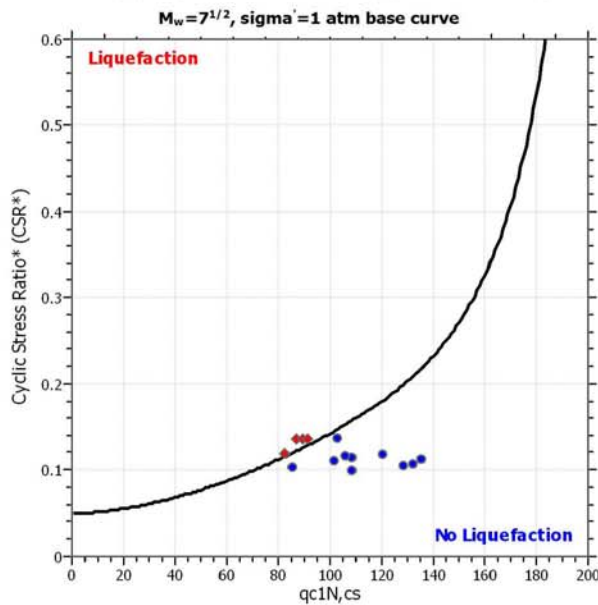
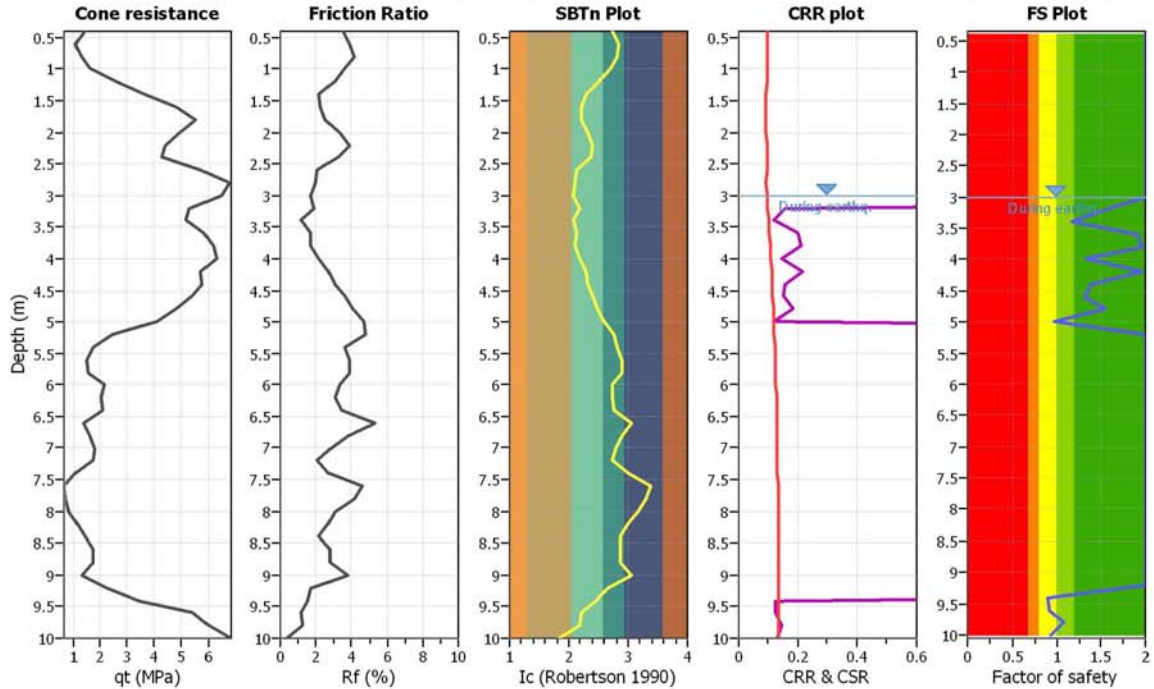
**Project title :**

**Location :**

**CPT file : 185130C009**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

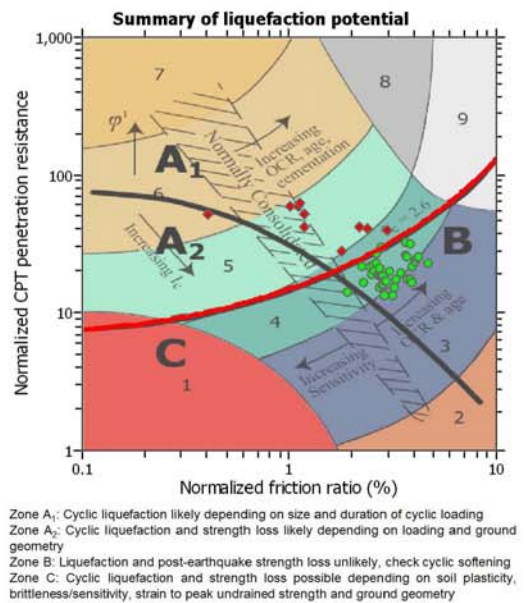
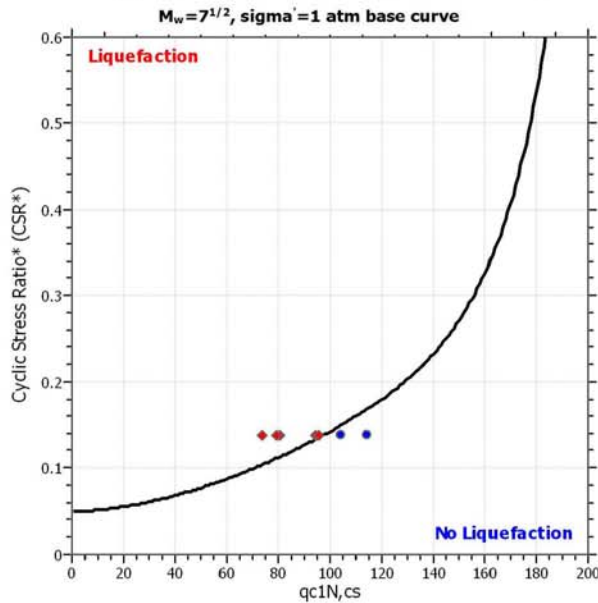
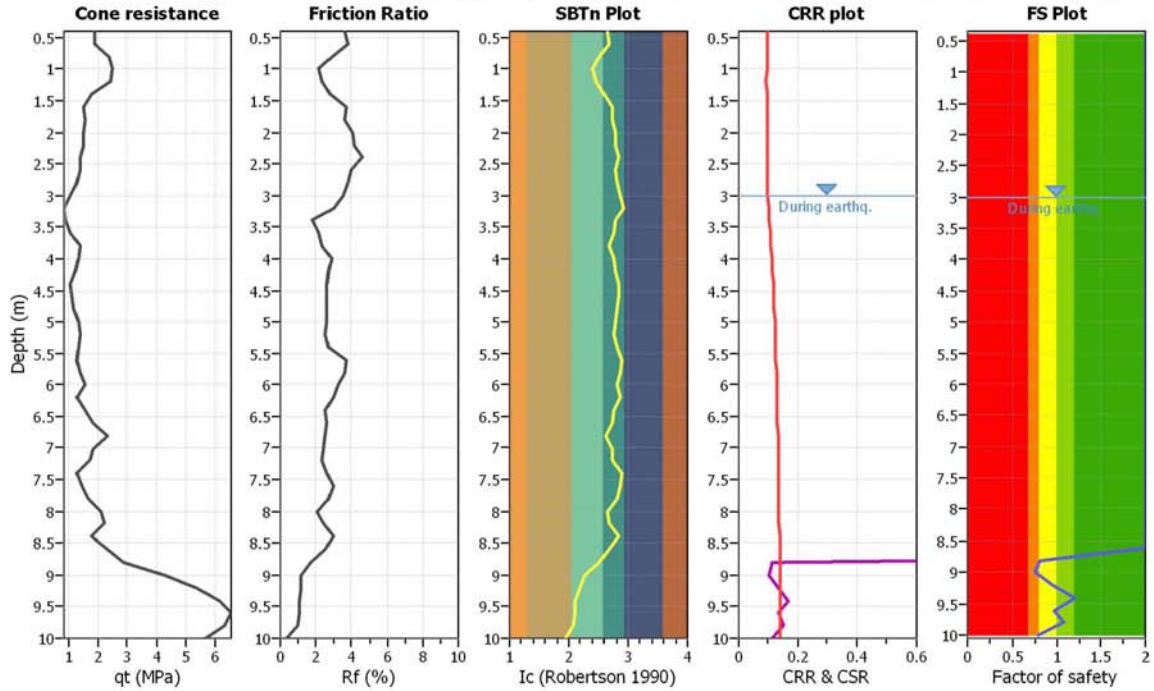
**Project title :**

**Location :**

**CPT file : 185130C010**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

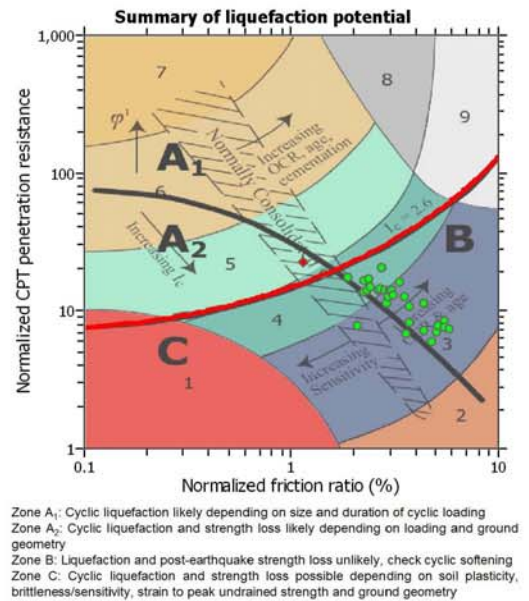
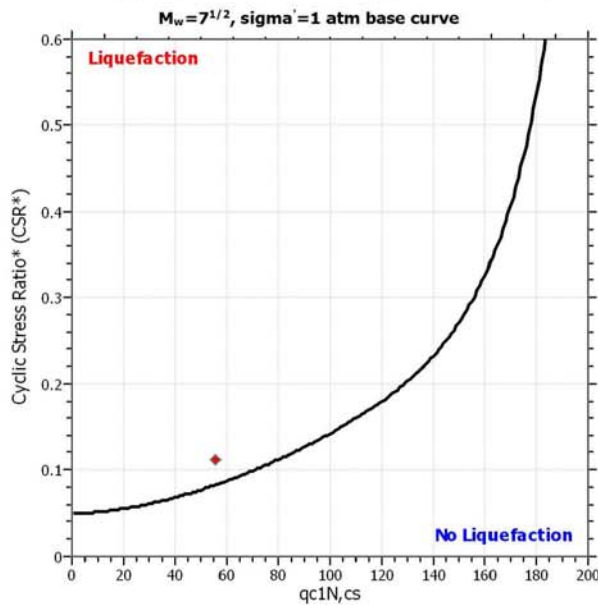
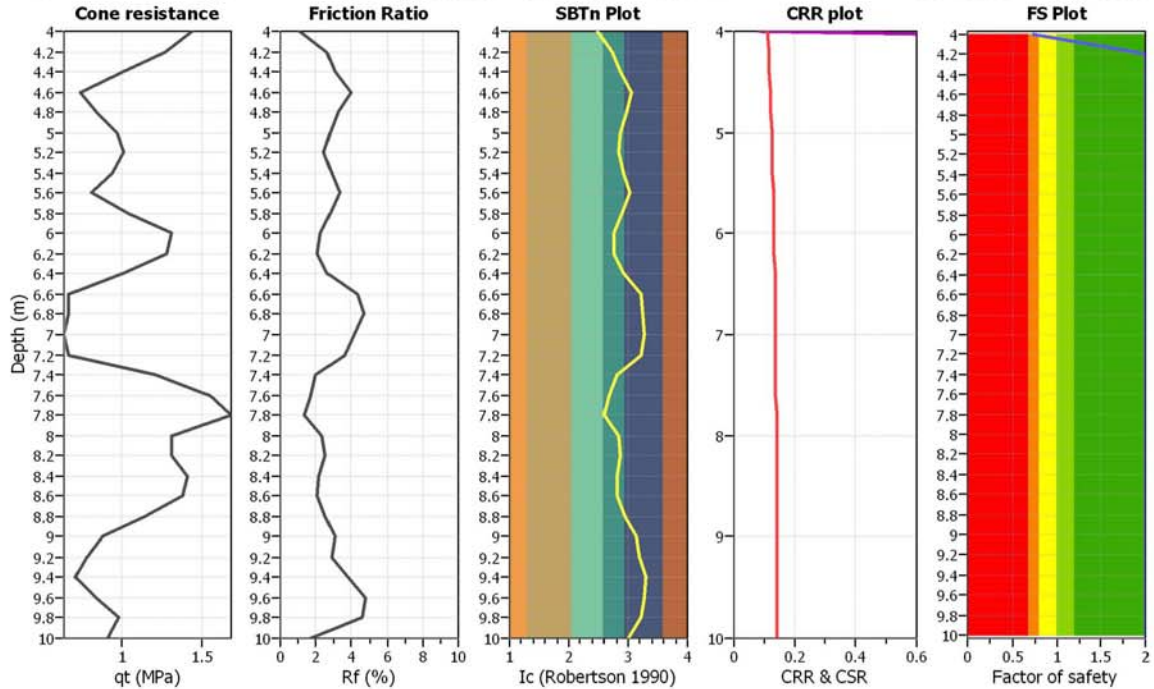
**Project title :**

**Location :**

**CPT file : 185130C011**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

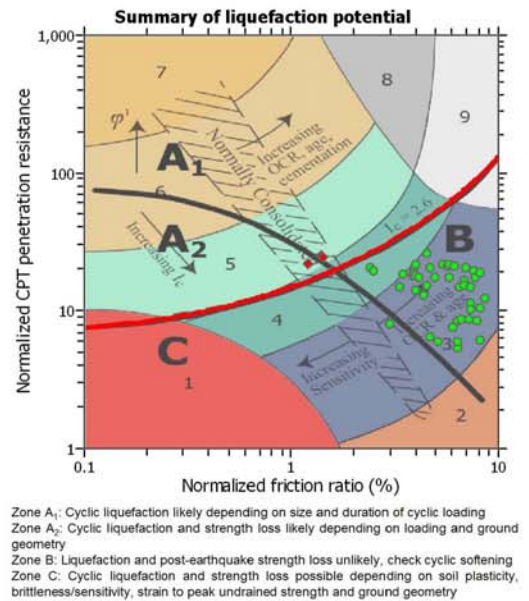
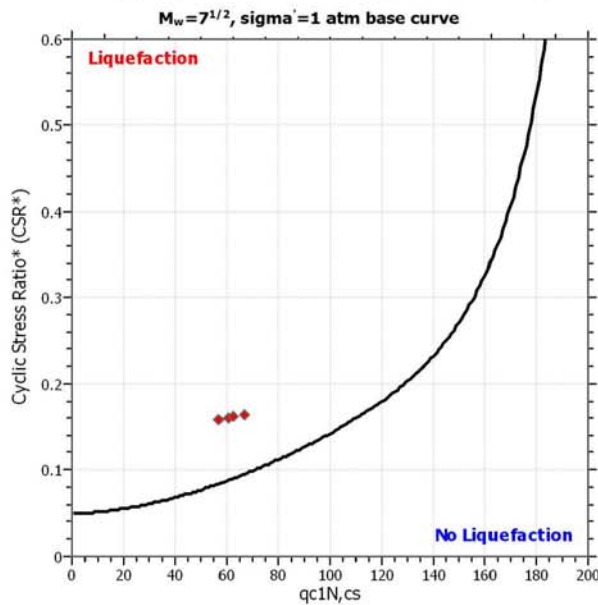
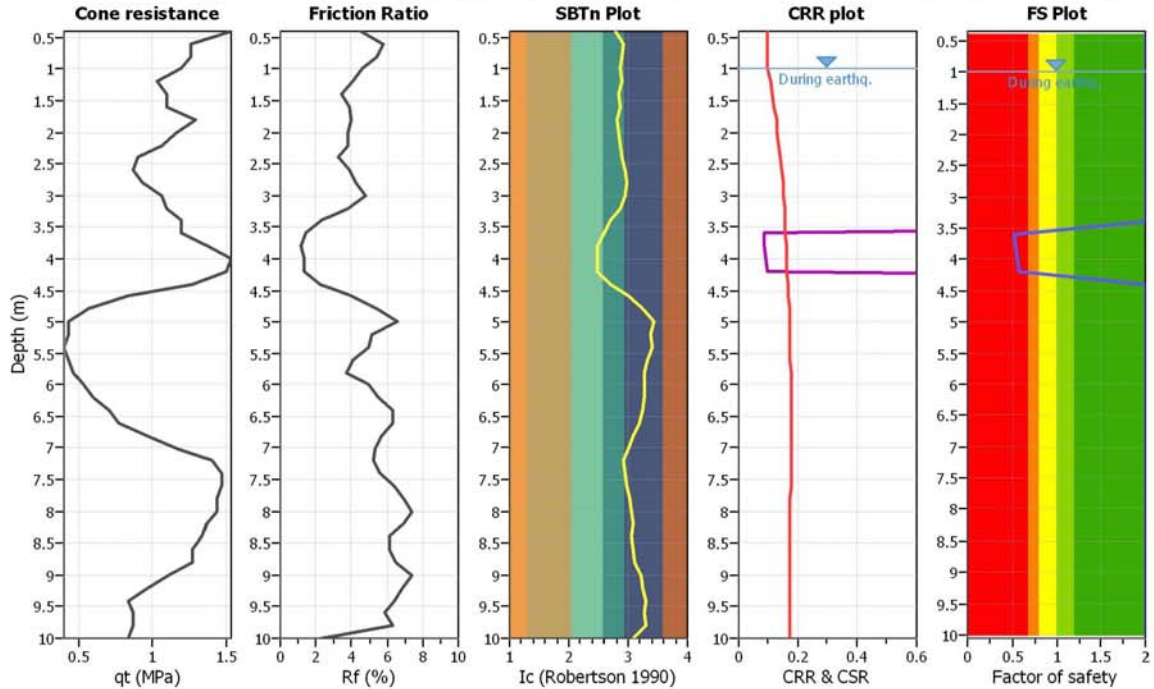
**Project title :**

**Location :**

**CPT file : 185130C012**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

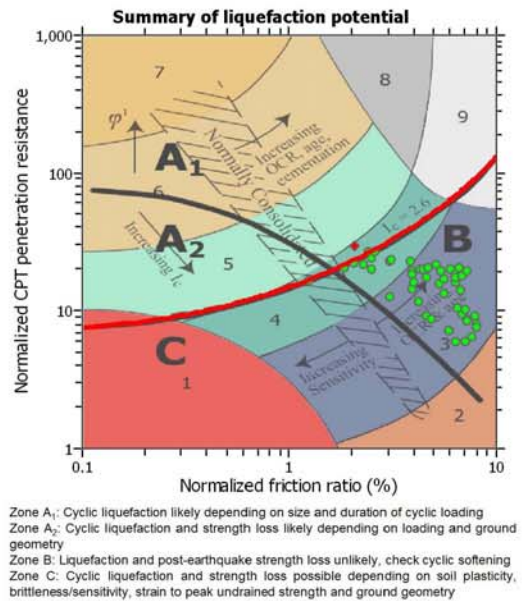
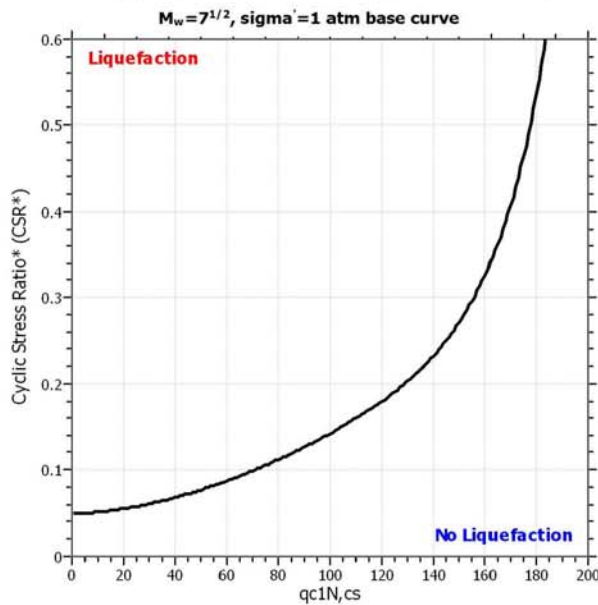
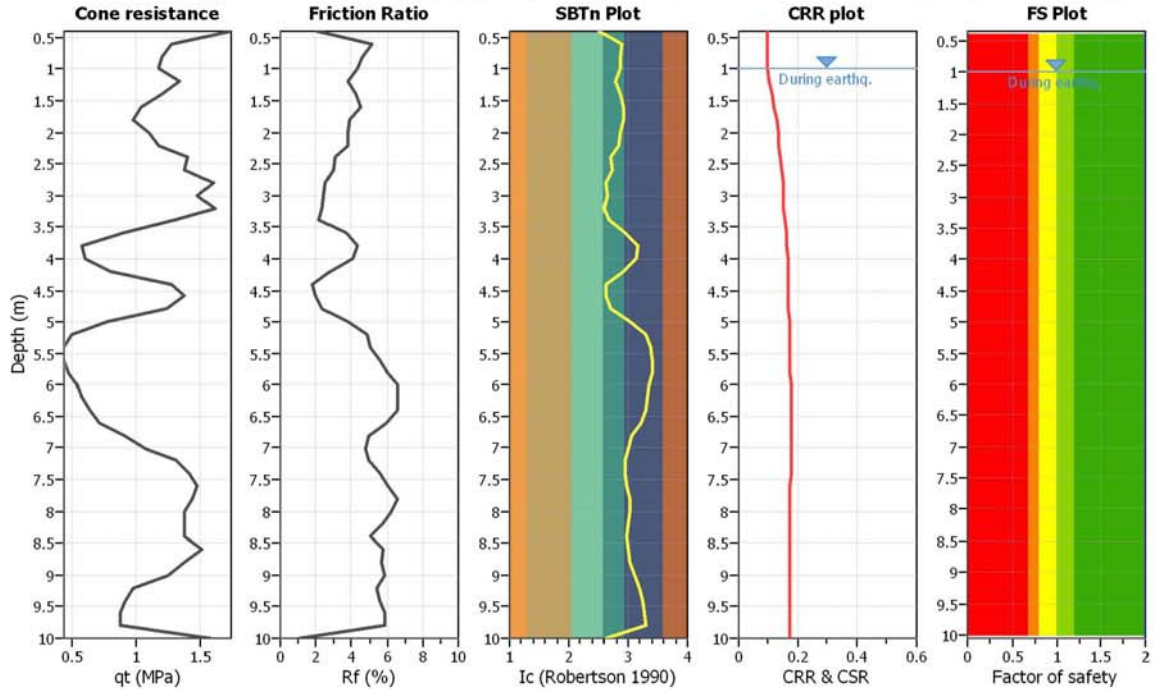
**Project title :**

**Location :**

**CPT file : 185130C013**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

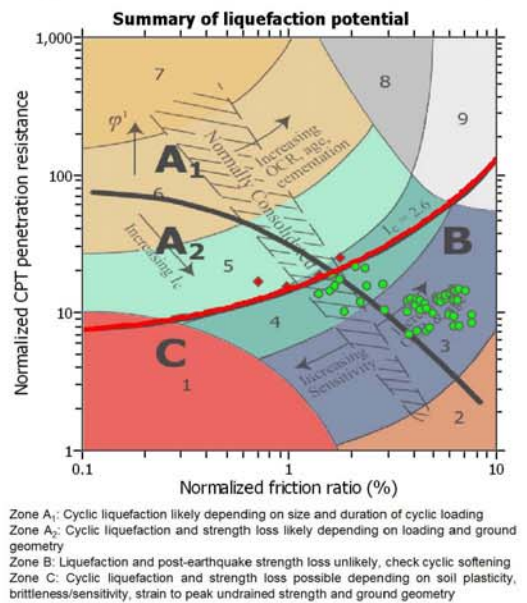
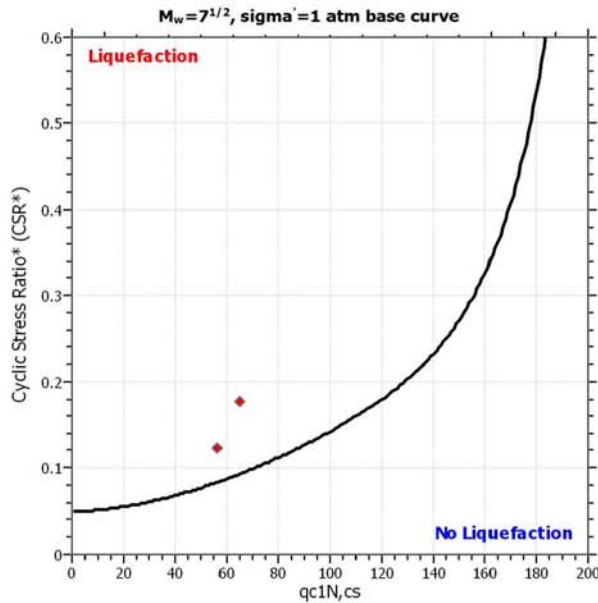
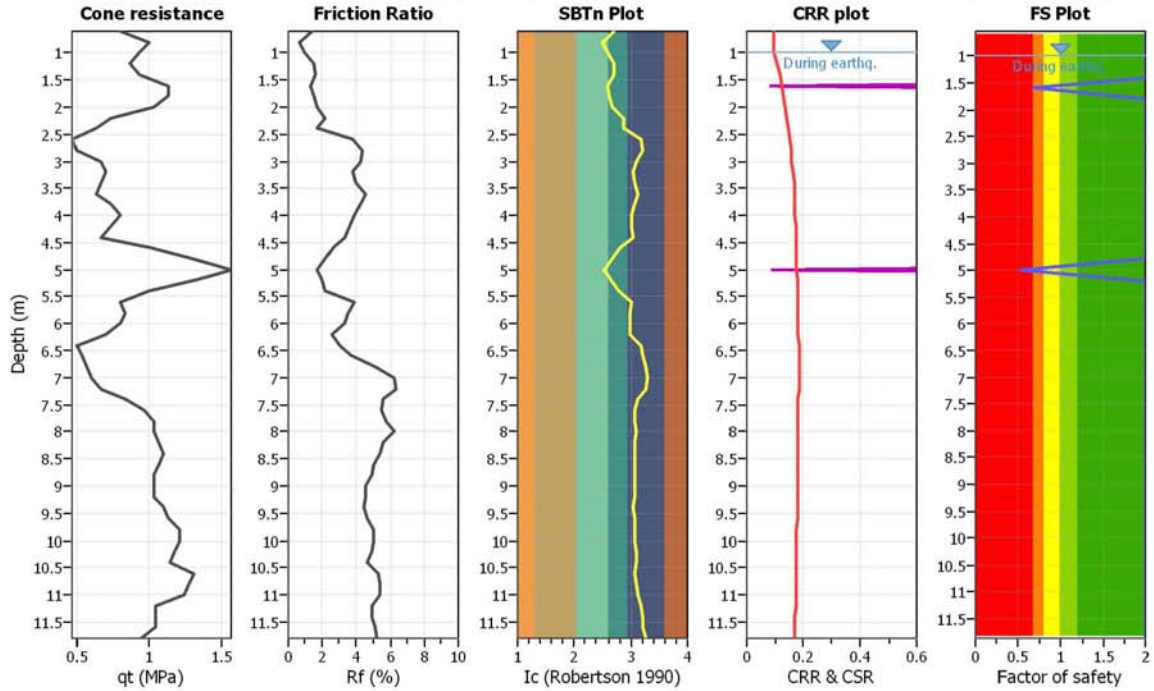
**Project title :**

**Location :**

**CPT file : 185130C014**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

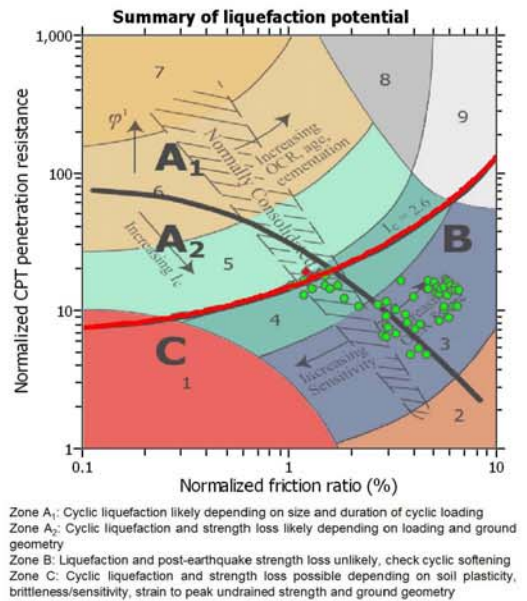
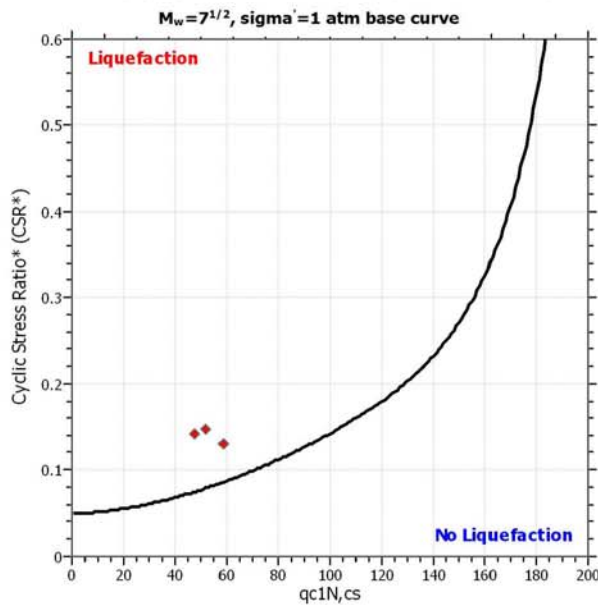
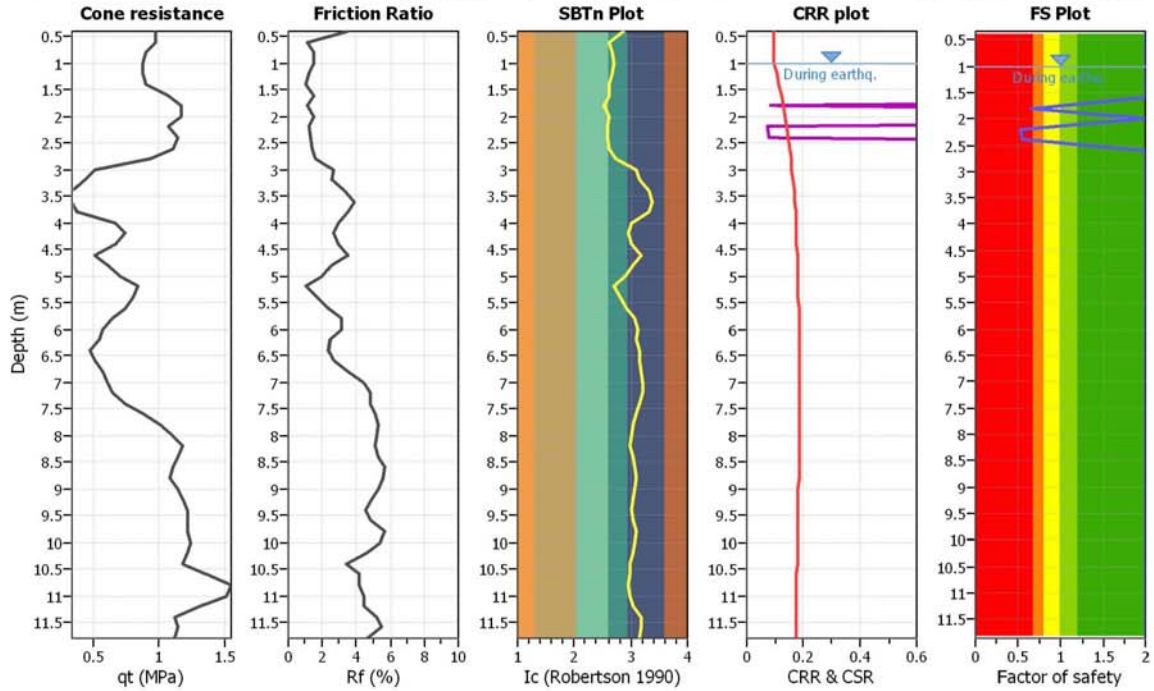
**Project title :**

**Location :**

**CPT file : 185130C015**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

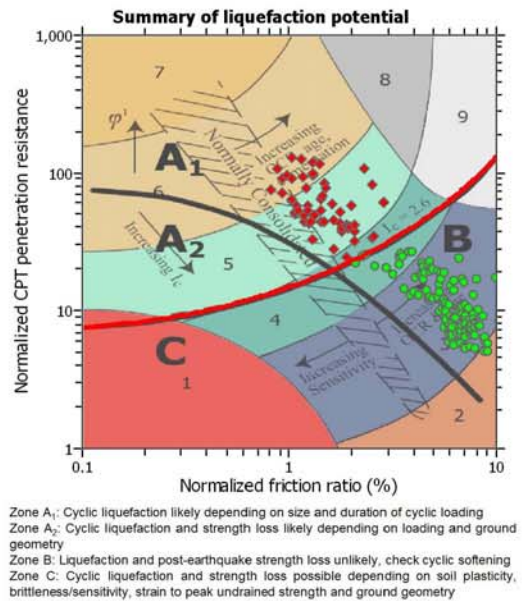
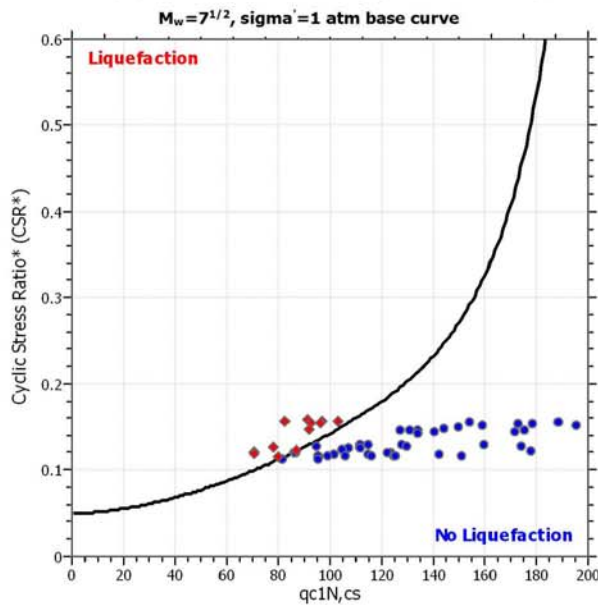
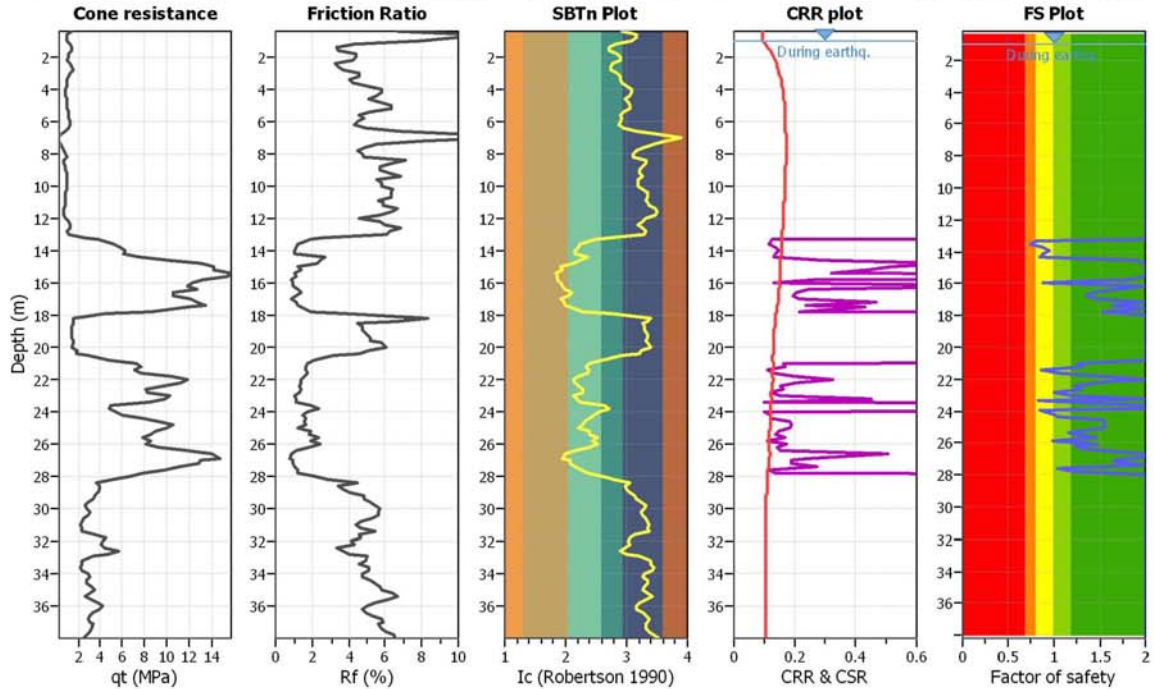
**Project title :**

**Location :**

**CPT file : 185130C033**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

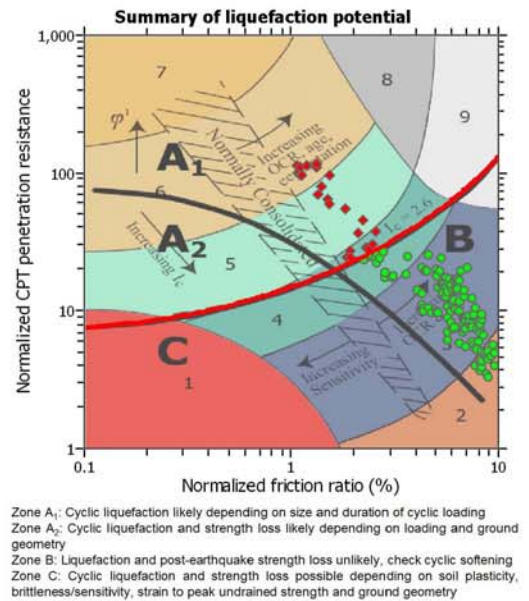
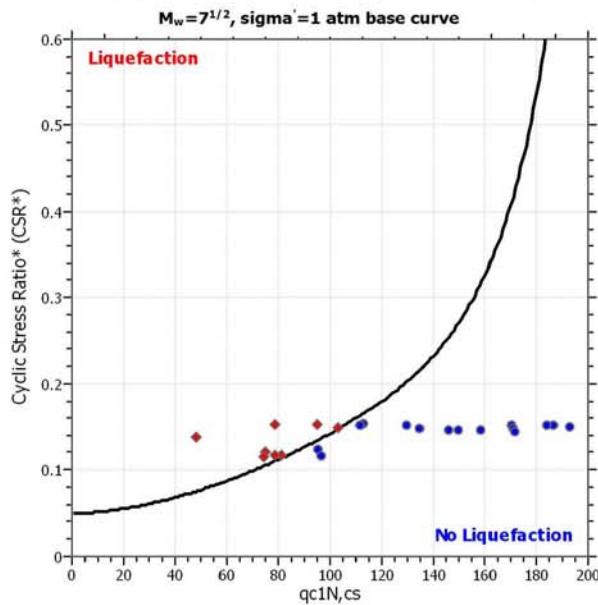
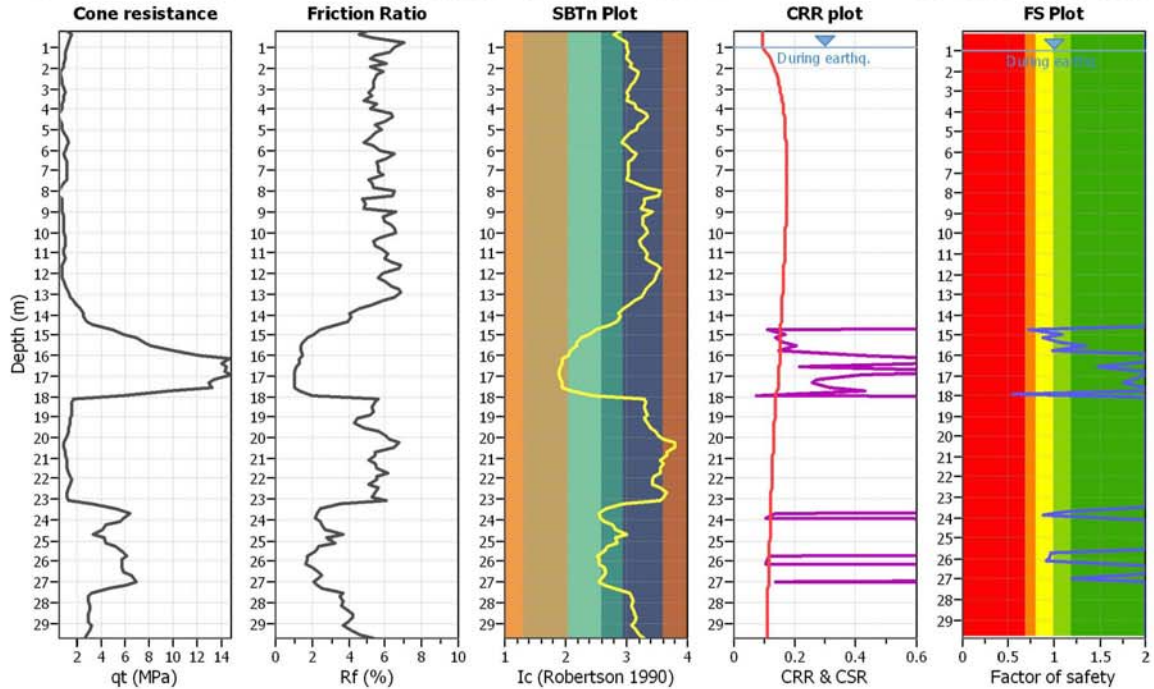
**Project title :**

**Location :**

**CPT file : 185130C034**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

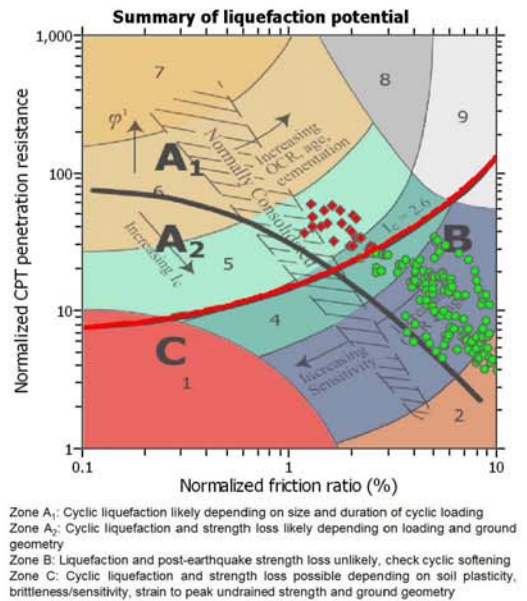
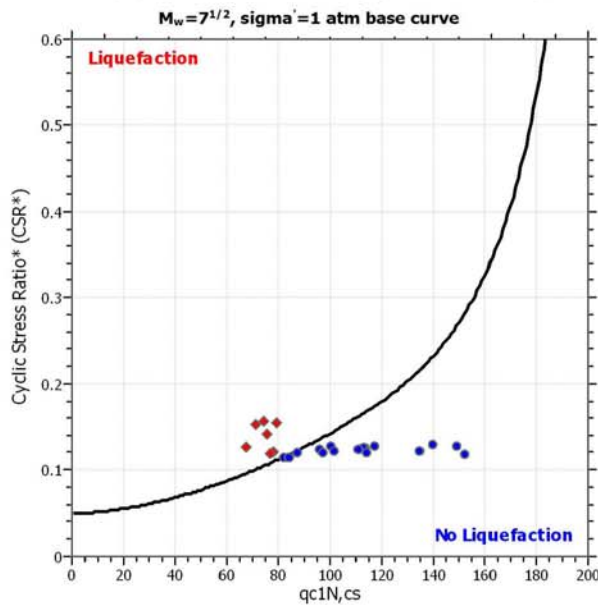
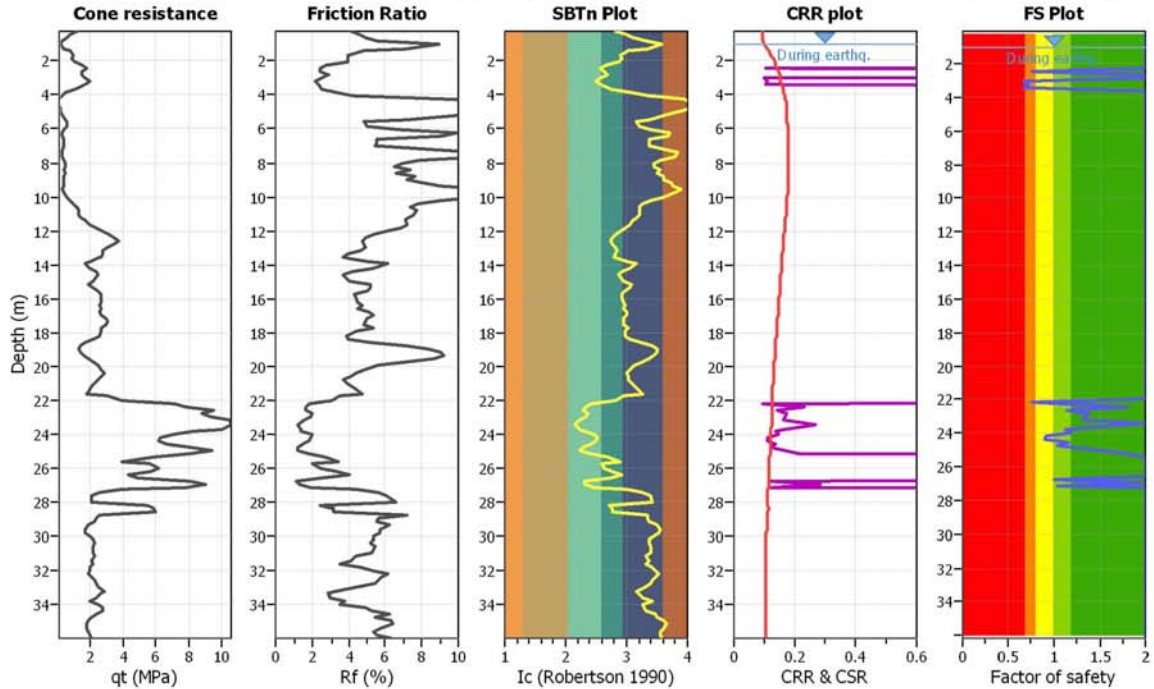
**Project title :**

**Location :**

**CPT file : 185130C035**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

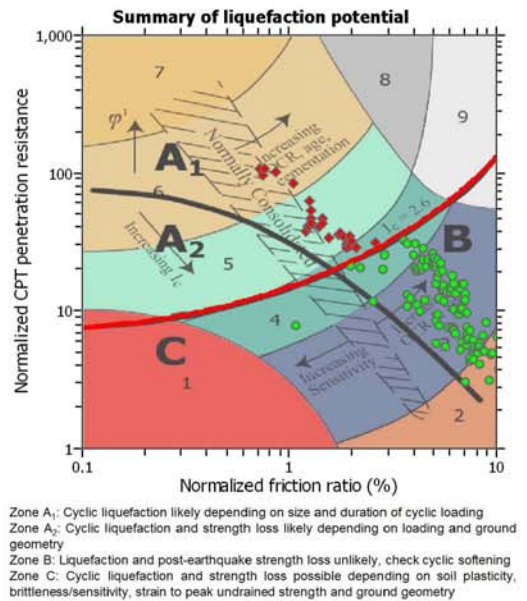
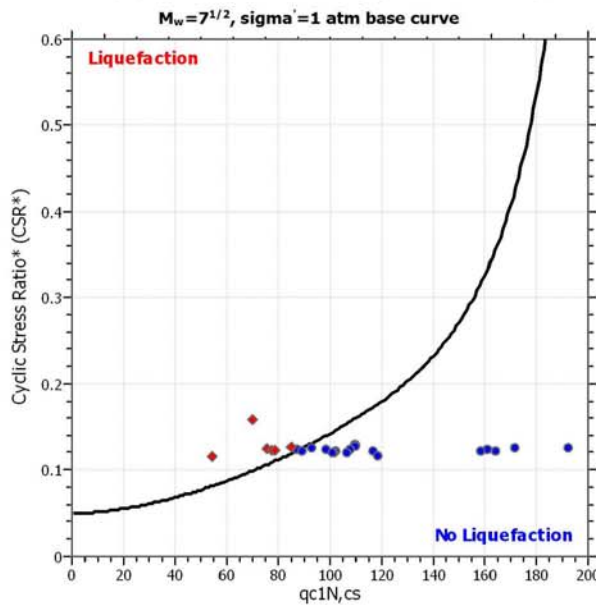
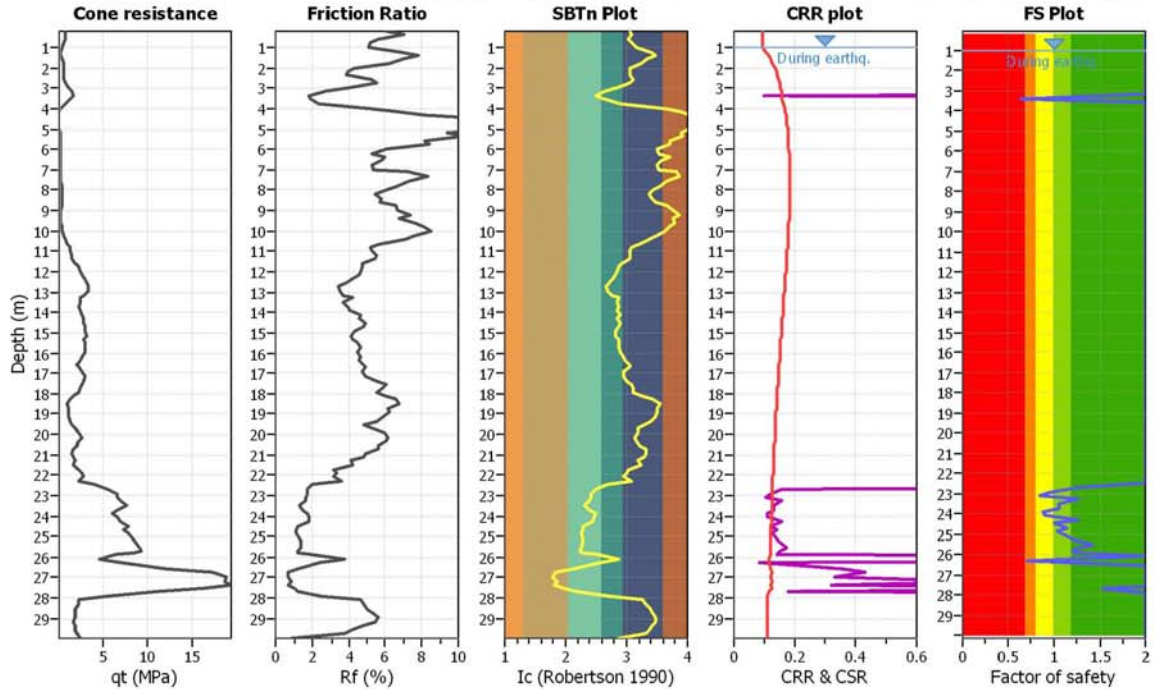
**Project title :**

**Location :**

**CPT file : 185130C036**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

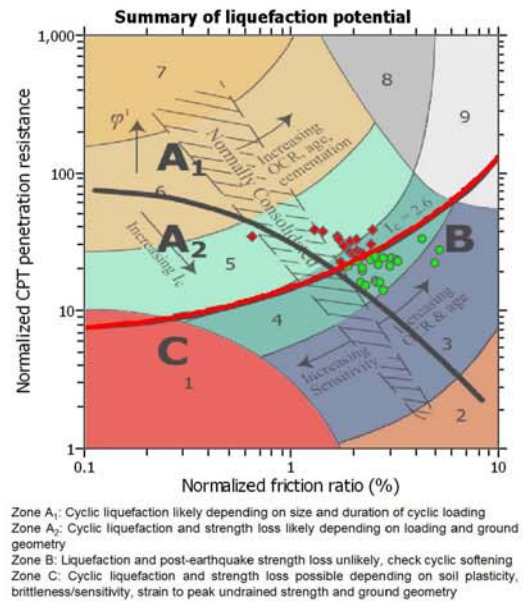
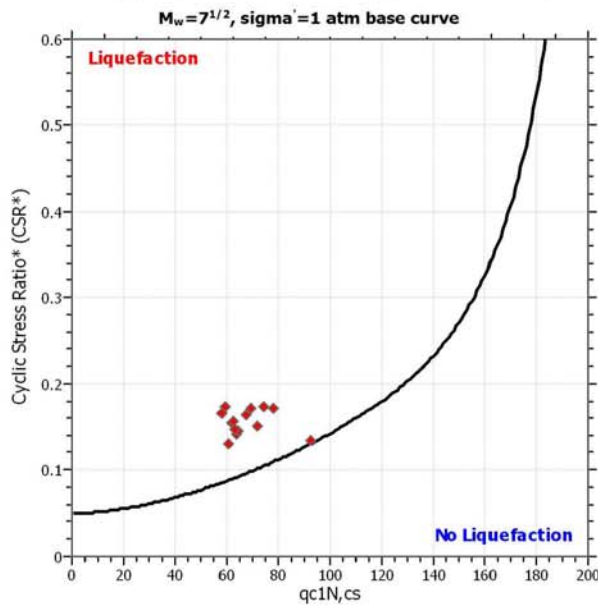
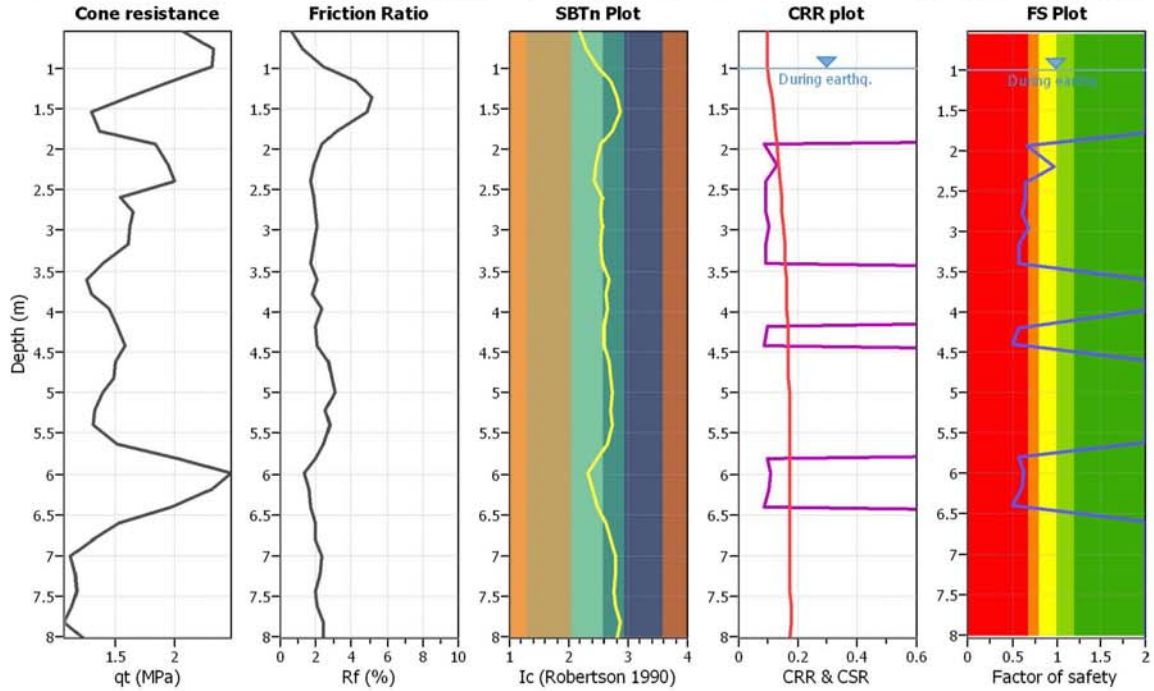
**Project title :**

**Location :**

**CPT file : 185130C041**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

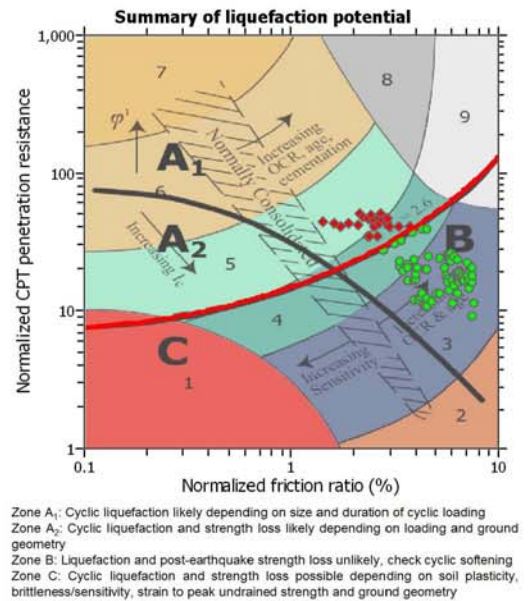
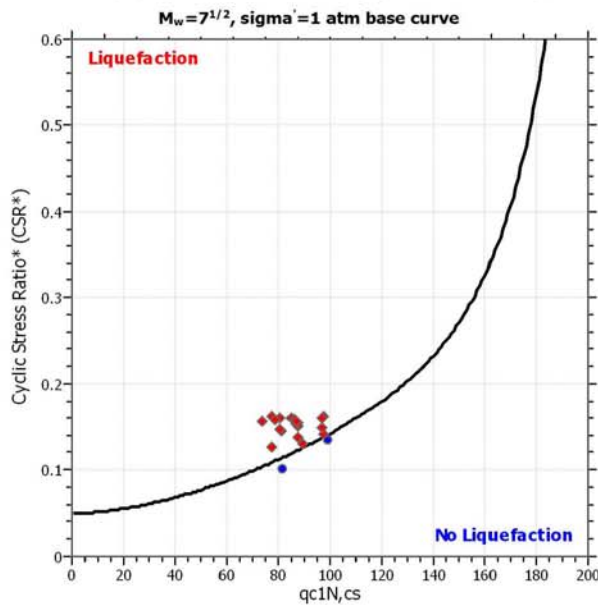
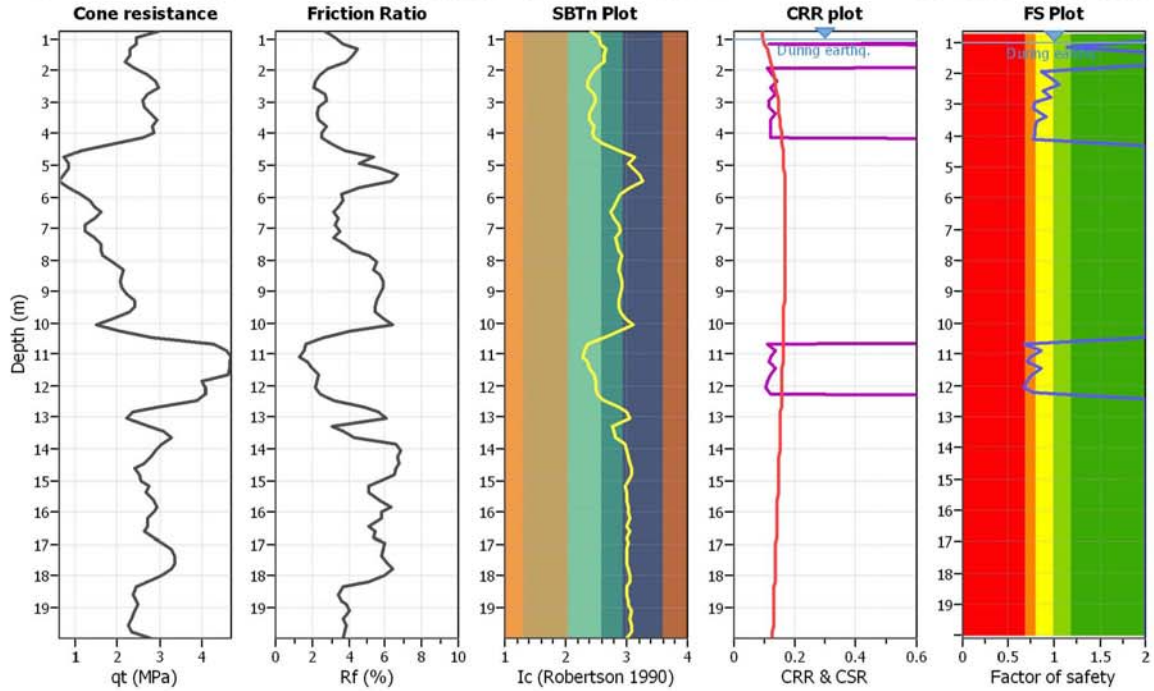
**Project title :**

**Location :**

**CPT file : 185130C043**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

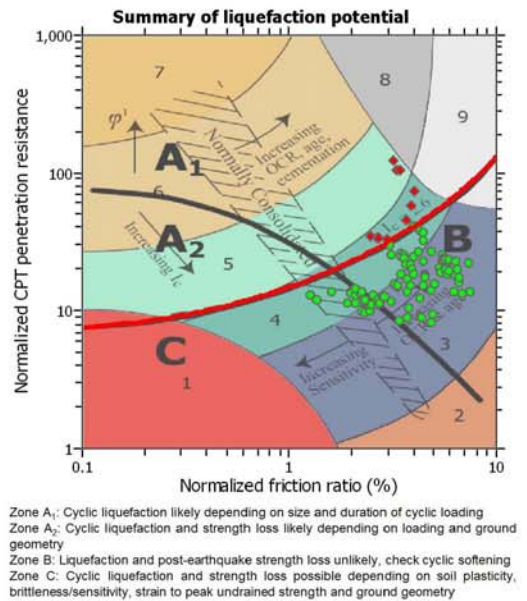
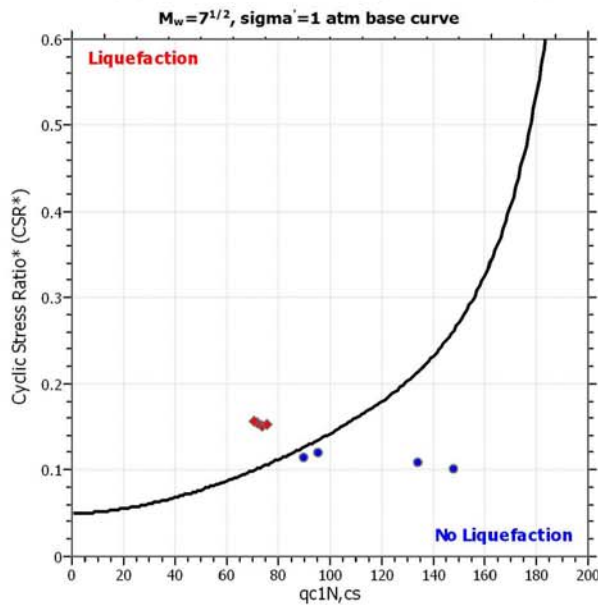
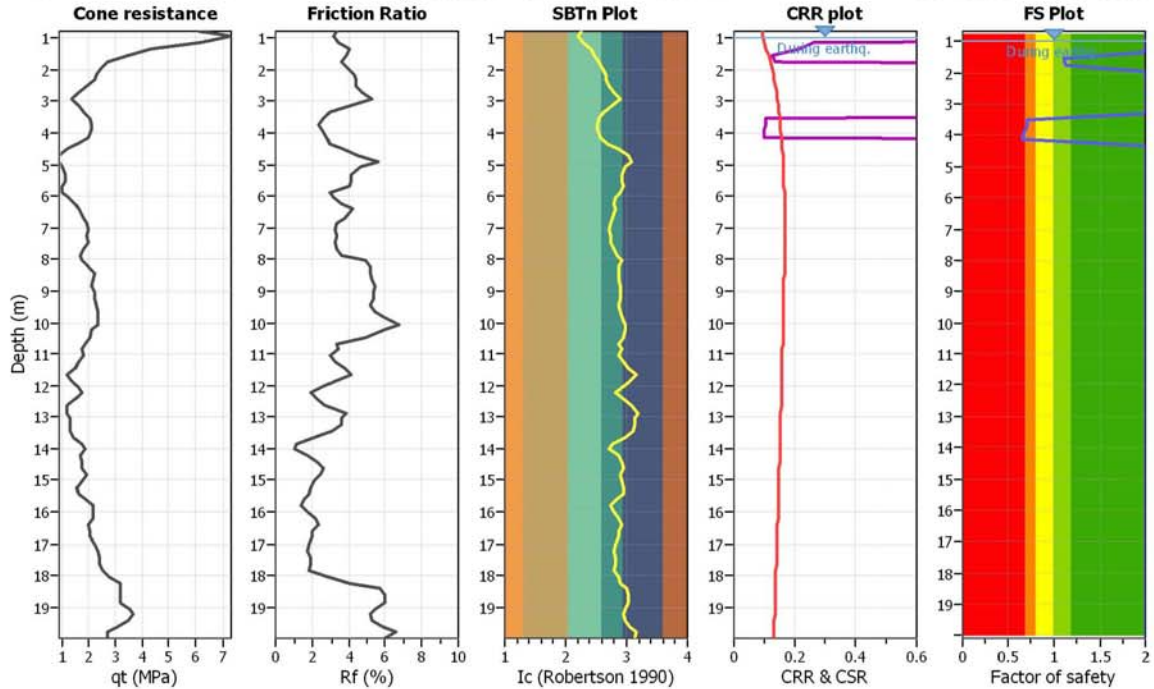
**Project title :**

**Location :**

**CPT file : 185130C046**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

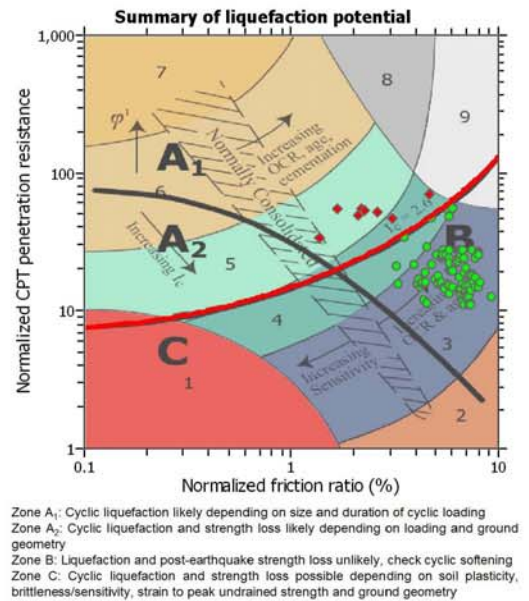
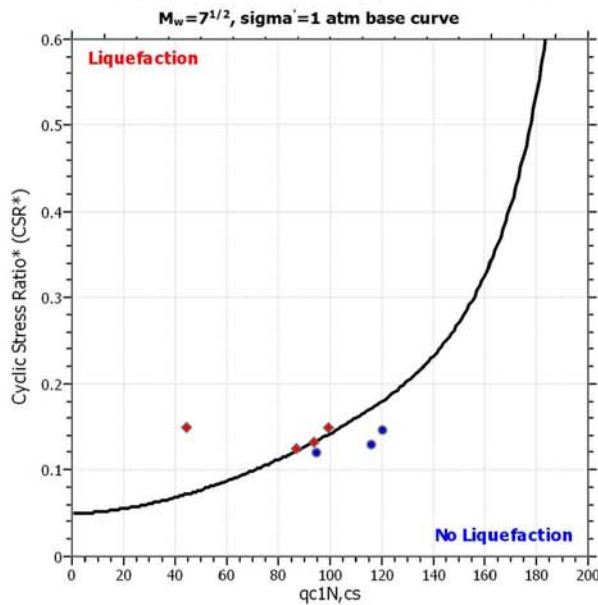
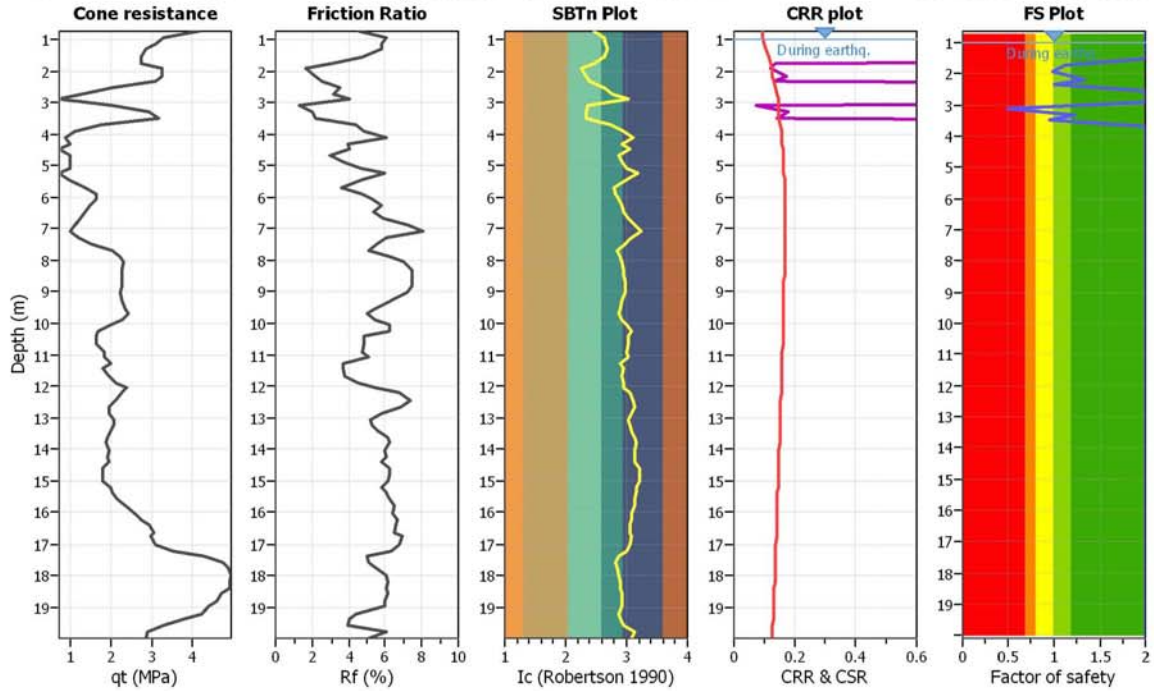
**Project title :**

**Location :**

**CPT file : 185130C047**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

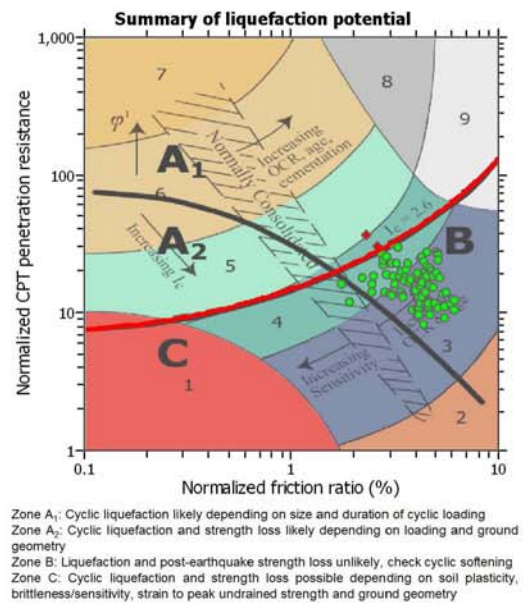
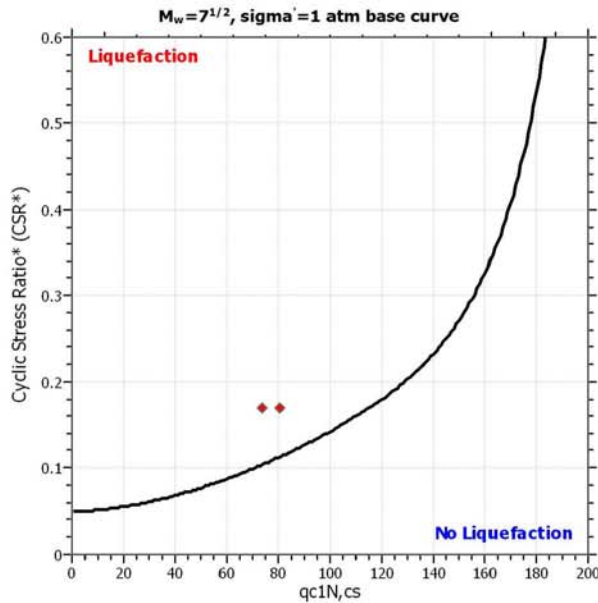
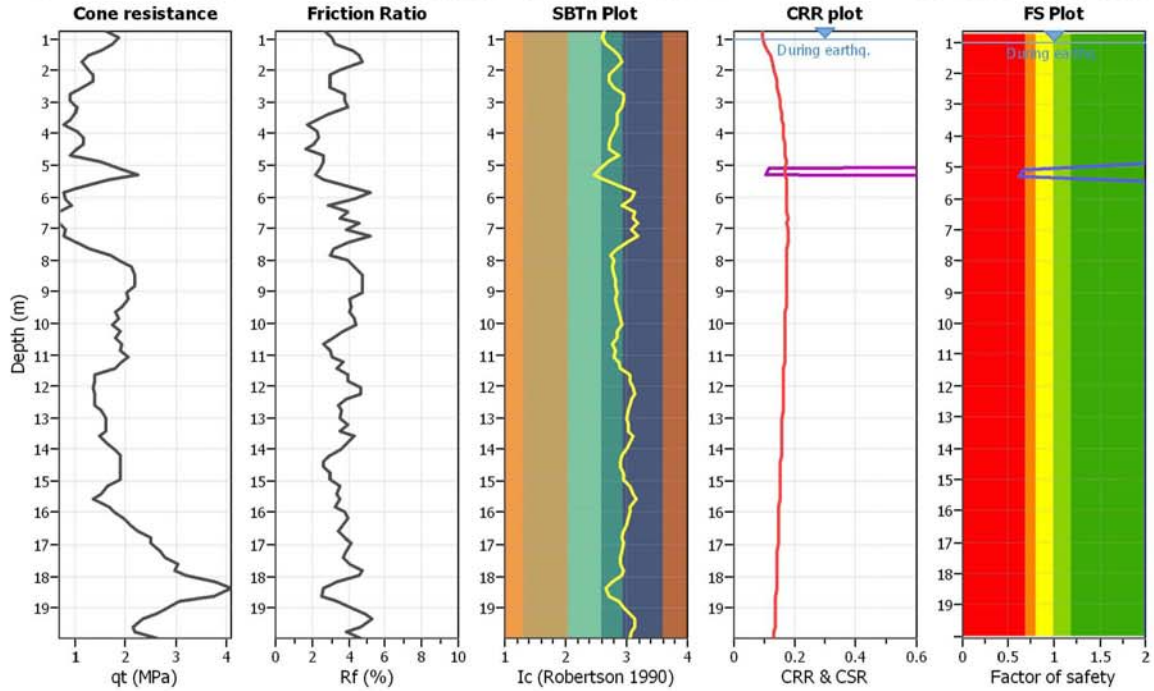
**Project title :**

**Location :**

**CPT file : 185130C048**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

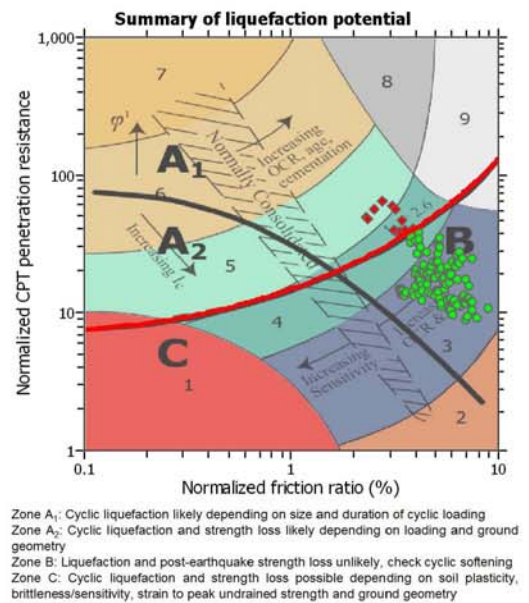
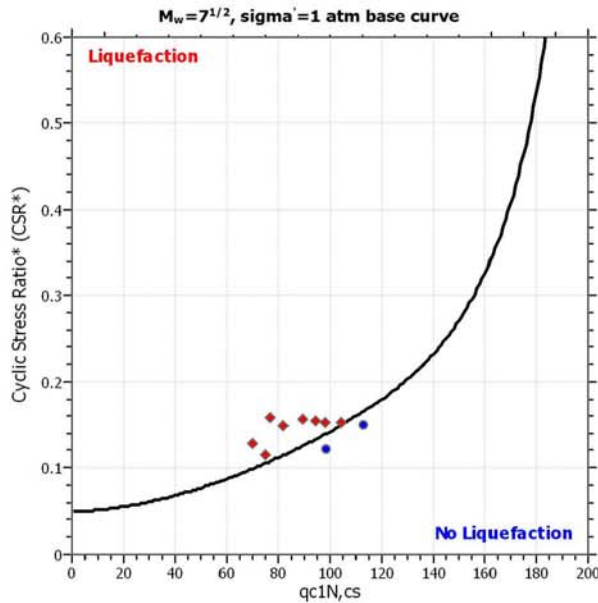
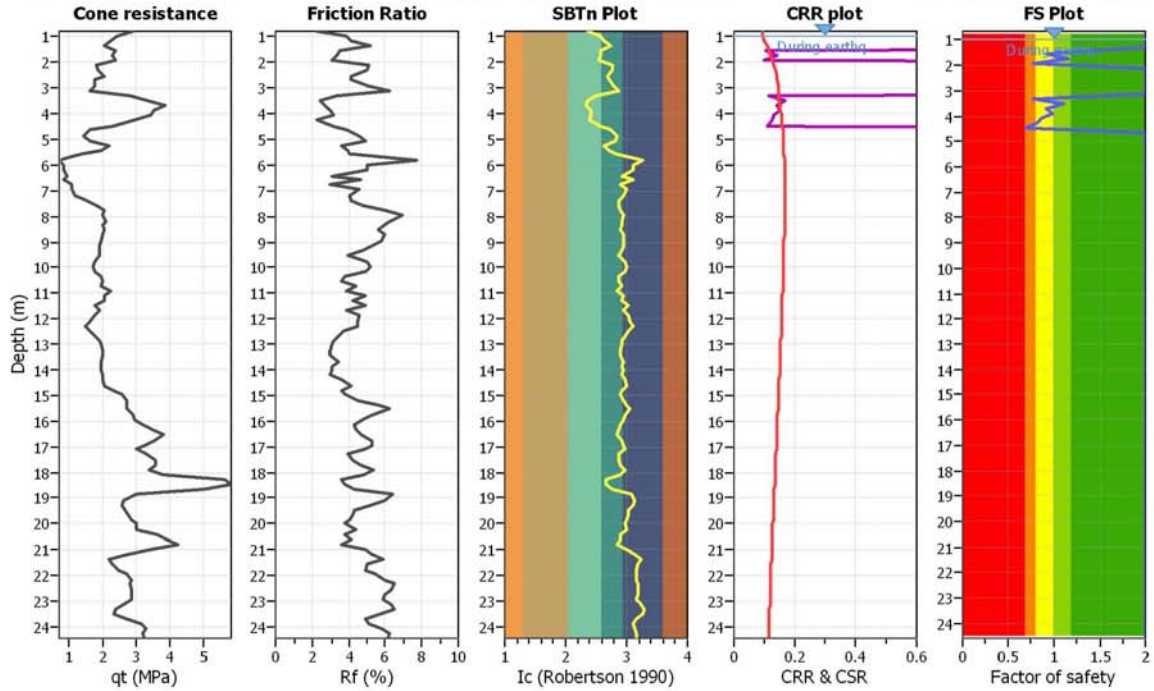
**Project title :**

**Location :**

**CPT file : 185130C049**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

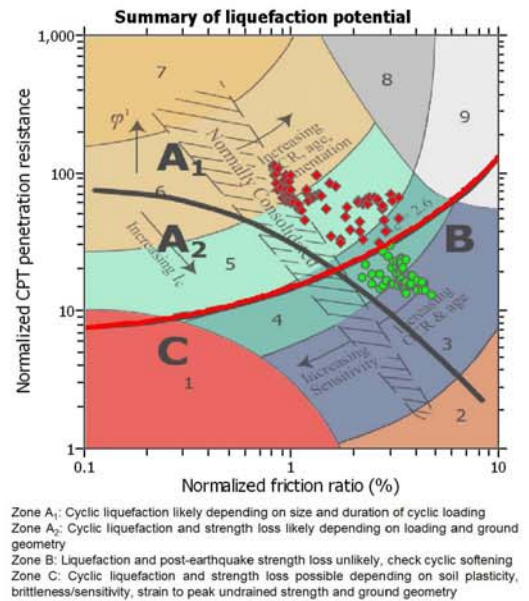
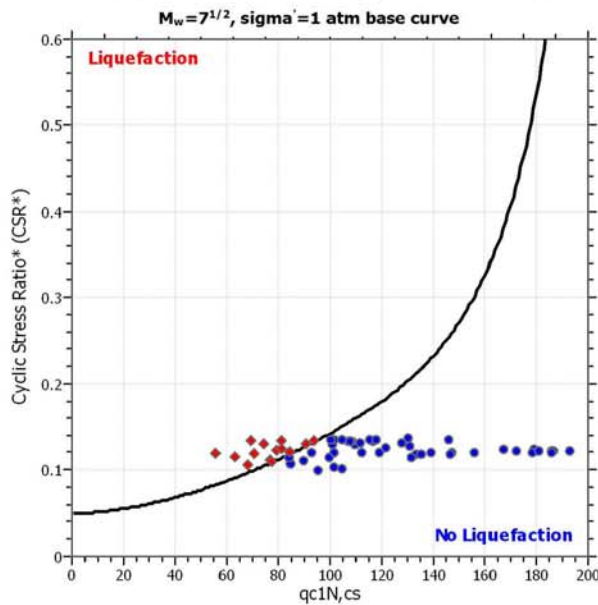
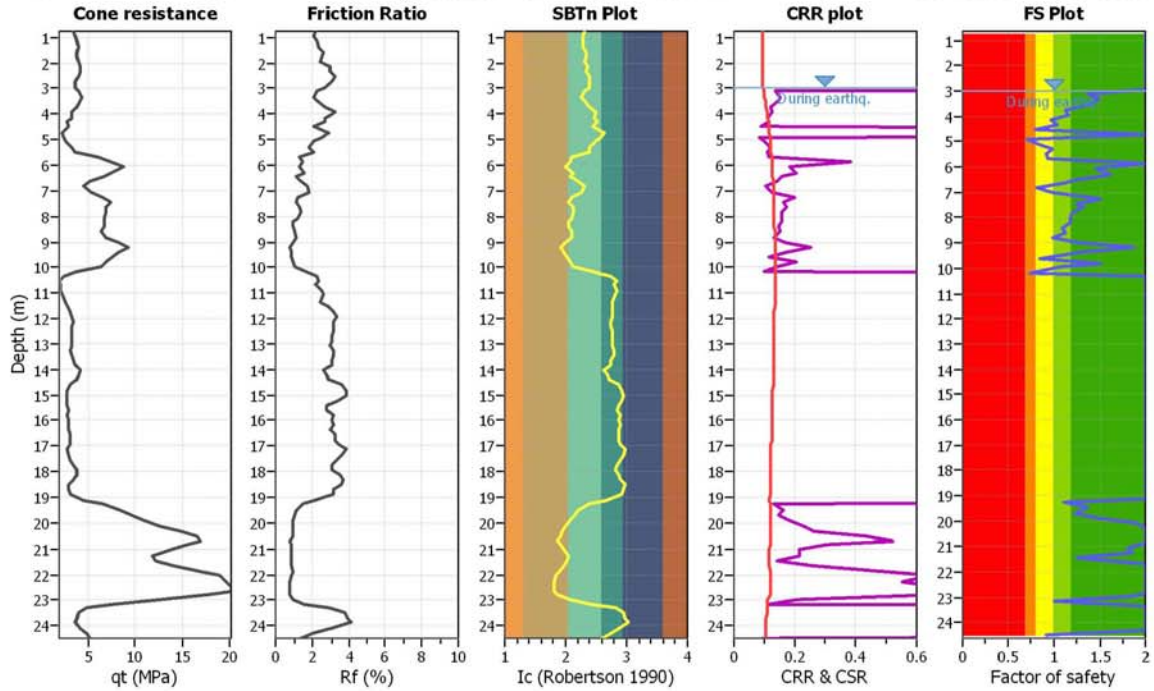
**Project title :**

**Location :**

**CPT file : 185130C050**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

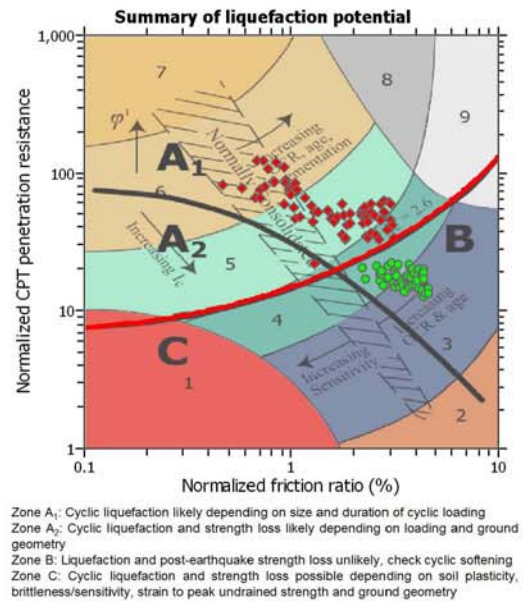
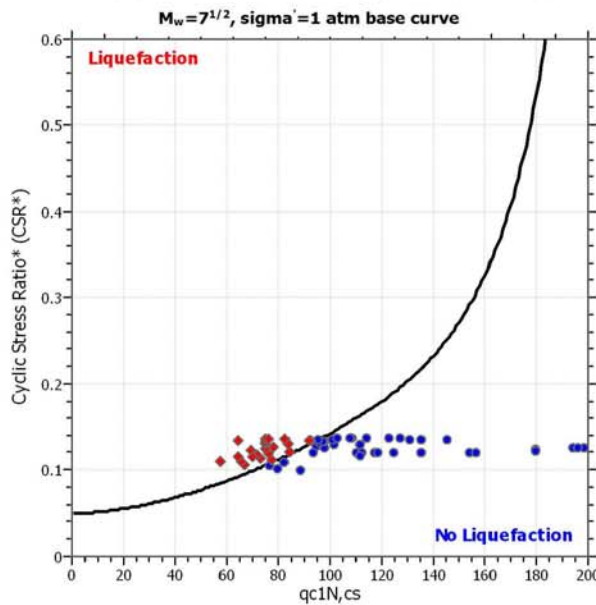
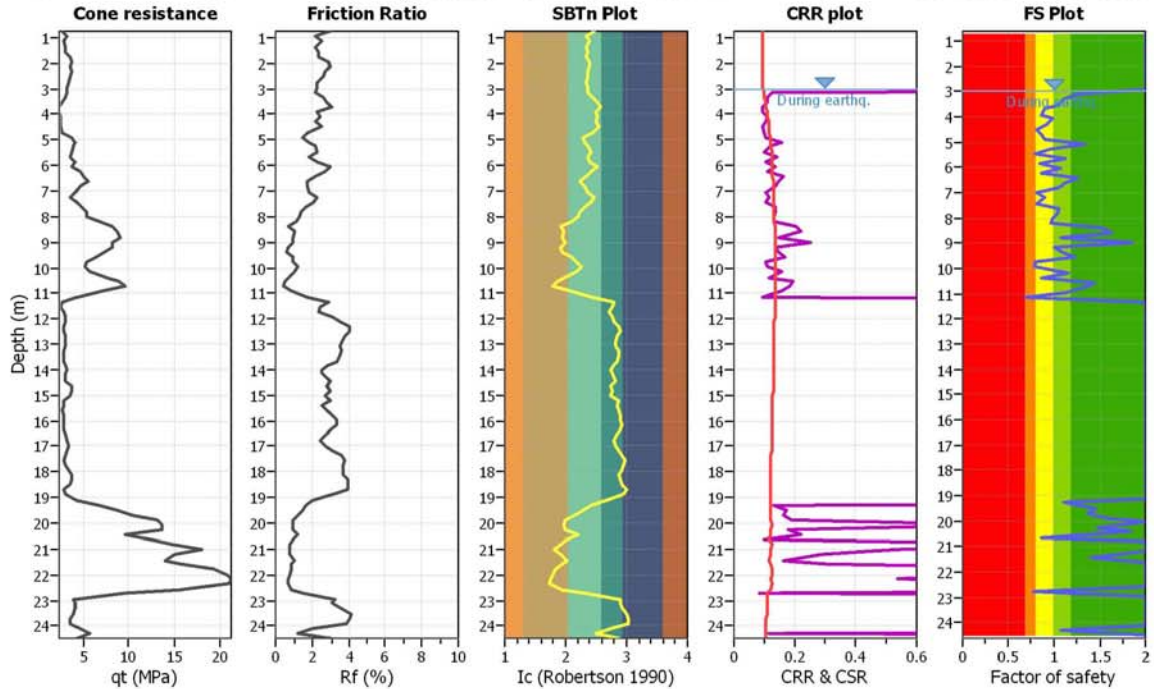
**Project title :**

**Location :**

**CPT file : 185130C051**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

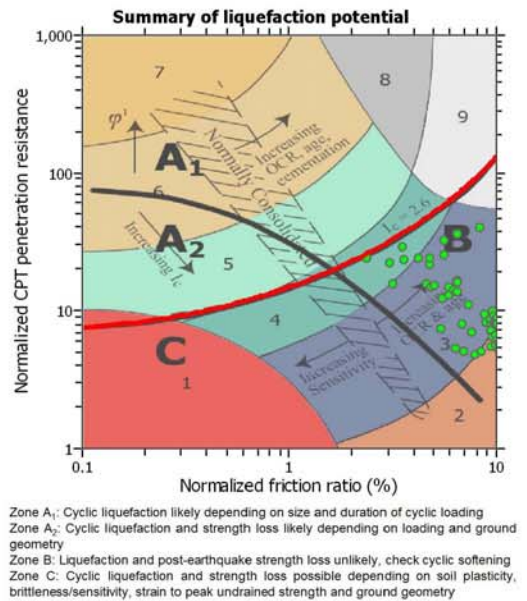
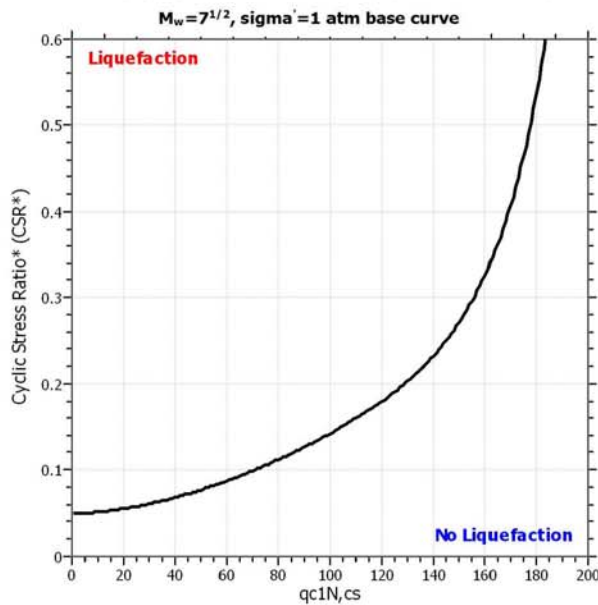
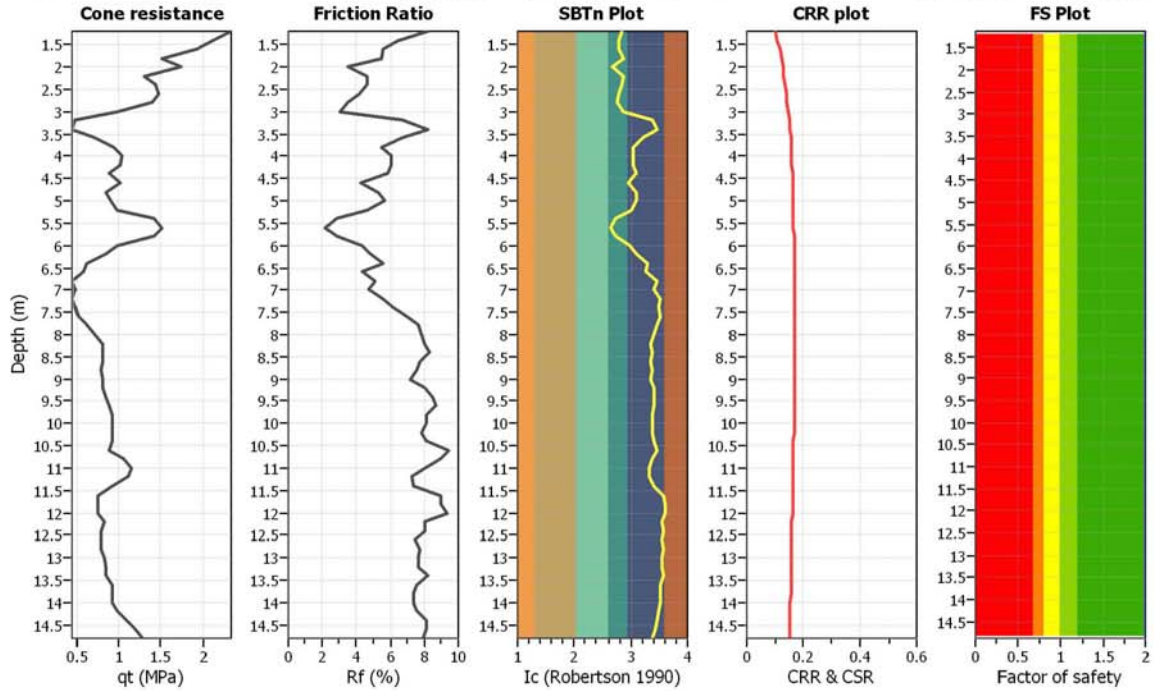
**Project title :**

**Location :**

**CPT file : 185130C127**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

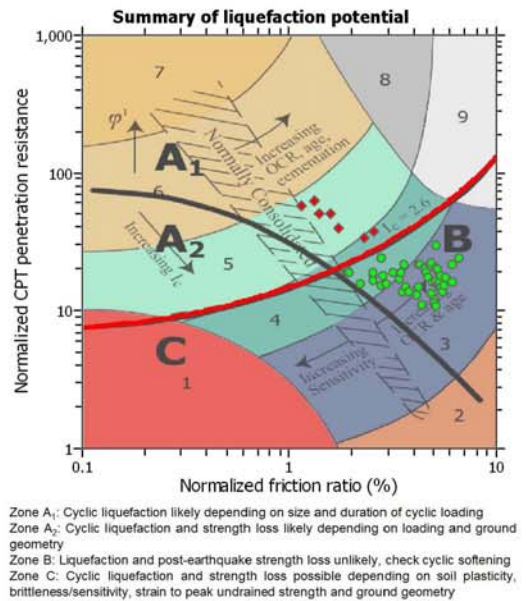
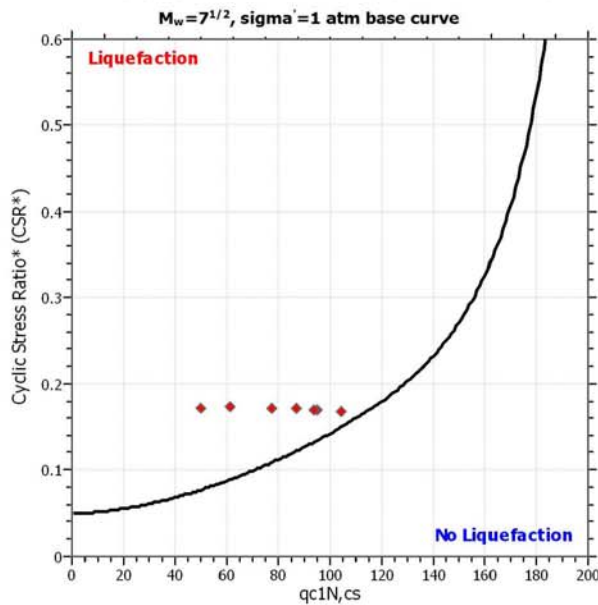
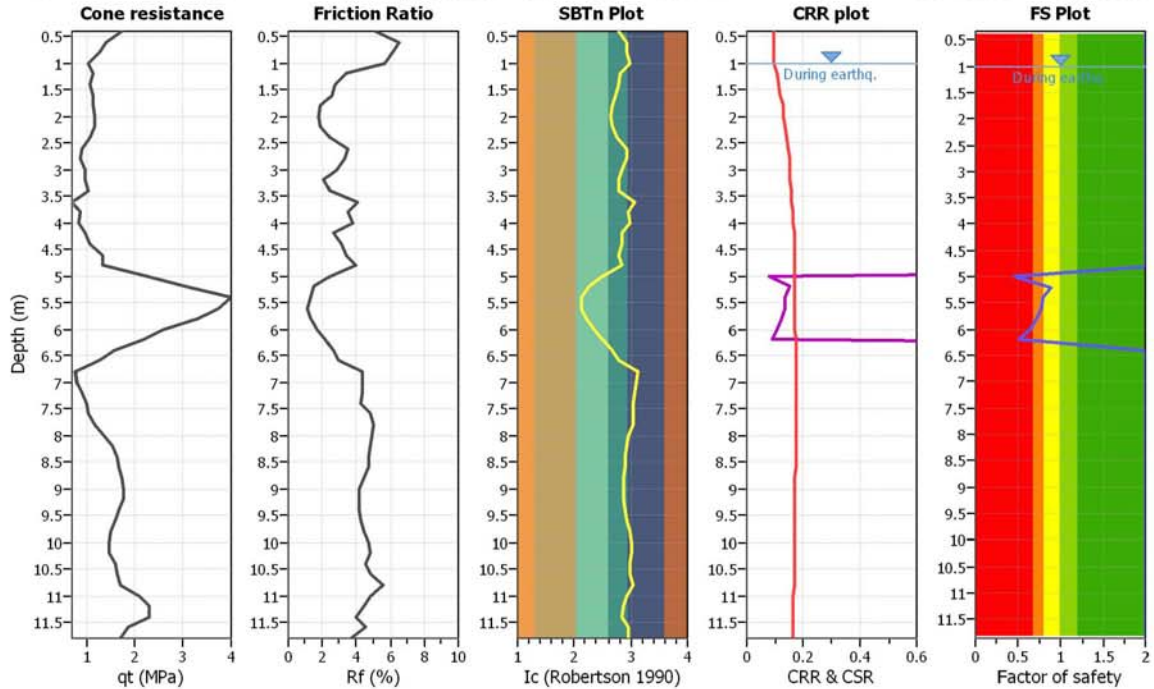
**Project title :**

**Location :**

**CPT file : 185130C128**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

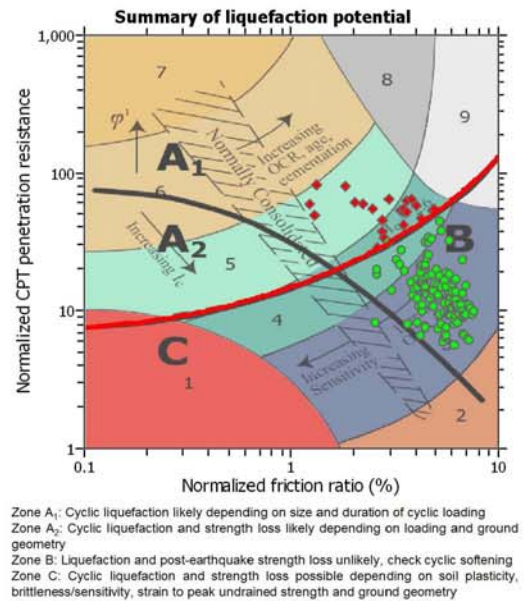
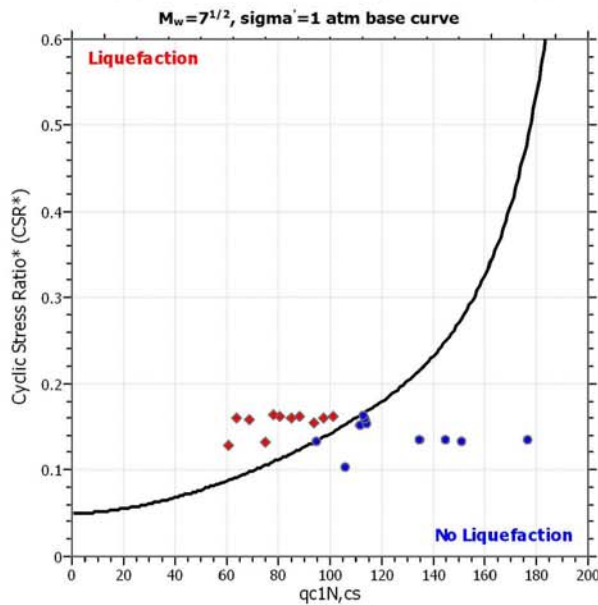
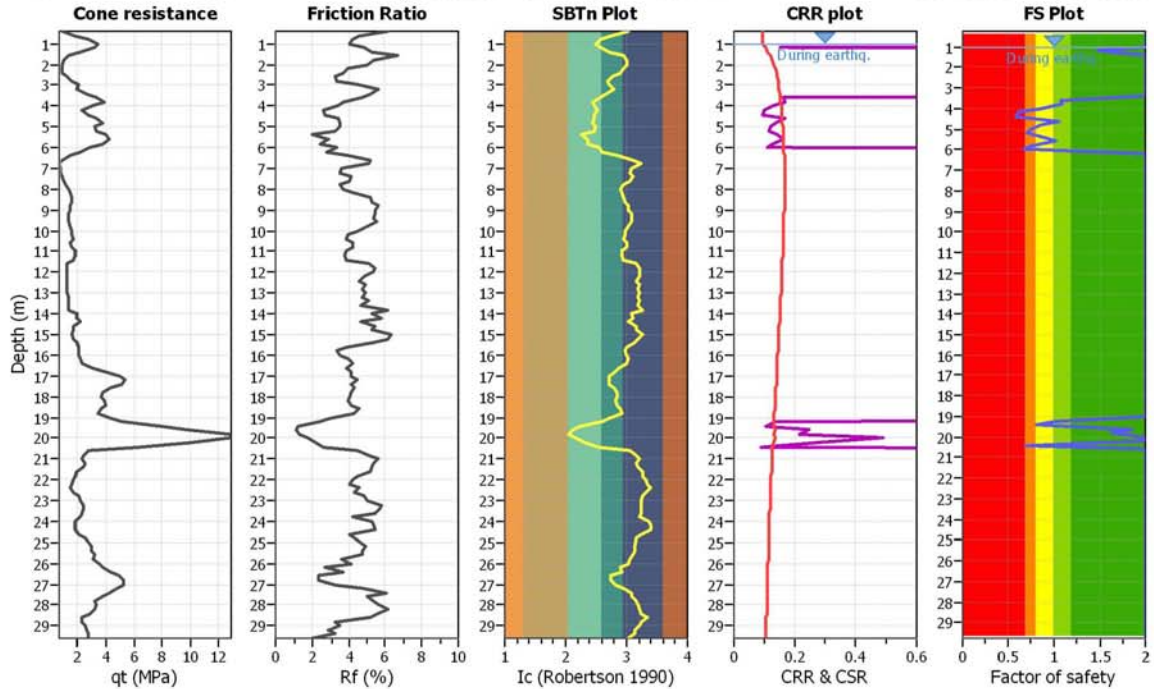
**Project title :**

**Location :**

**CPT file : 185130C130**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

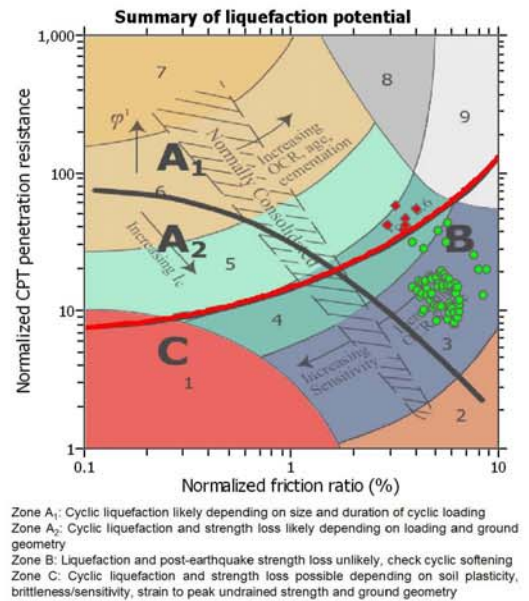
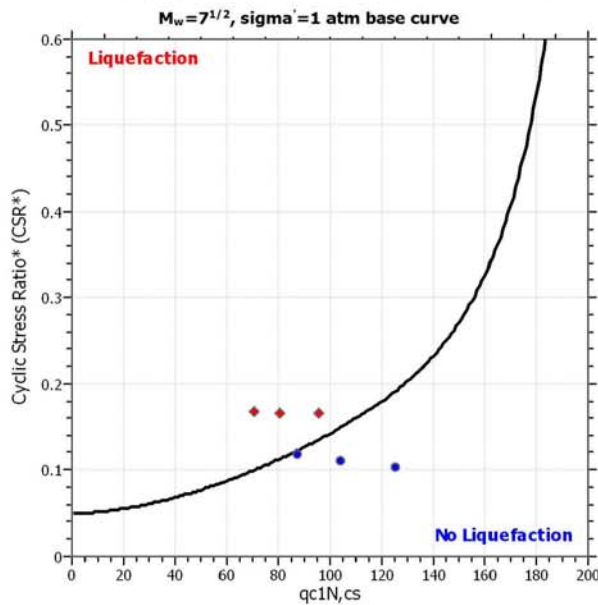
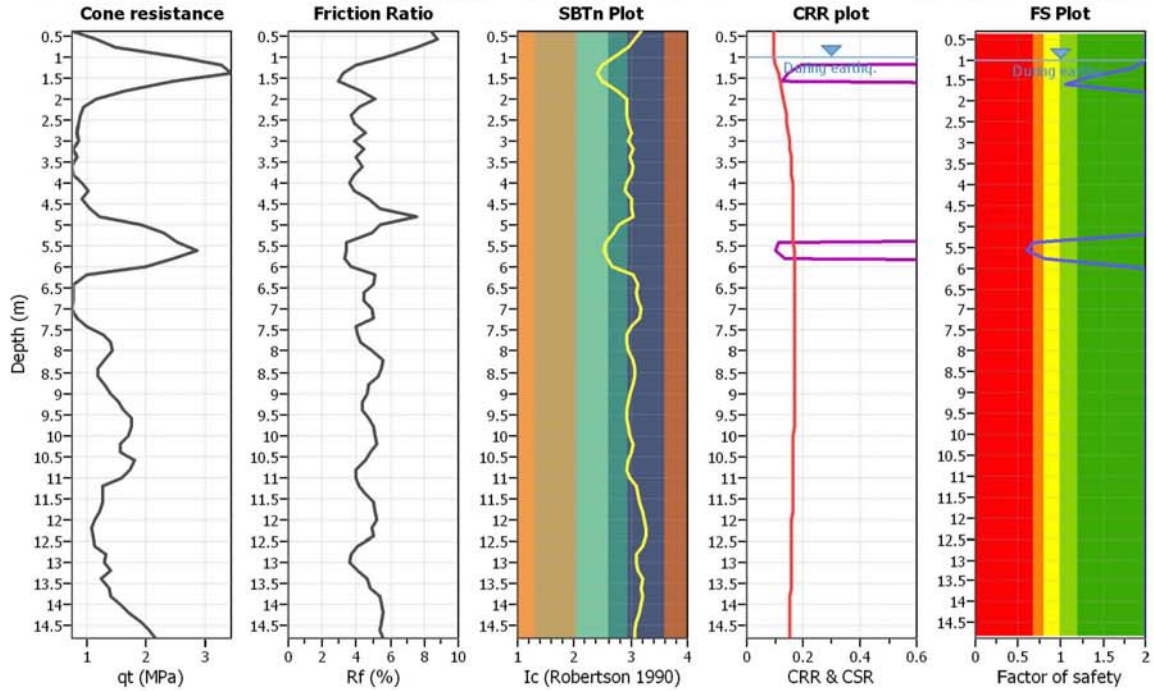
**Project title :**

**Location :**

**CPT file : 185130C131**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

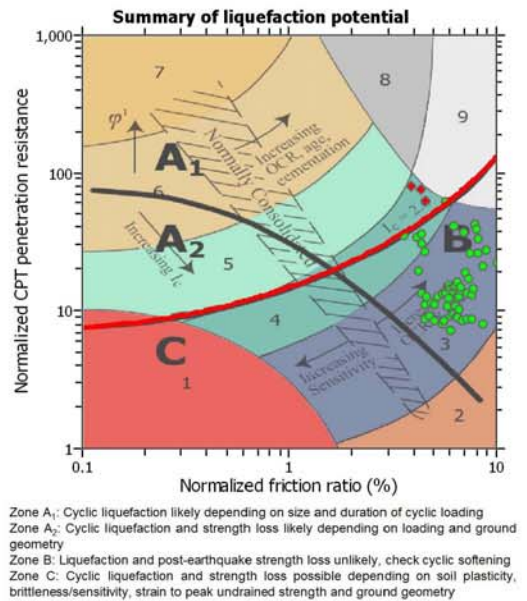
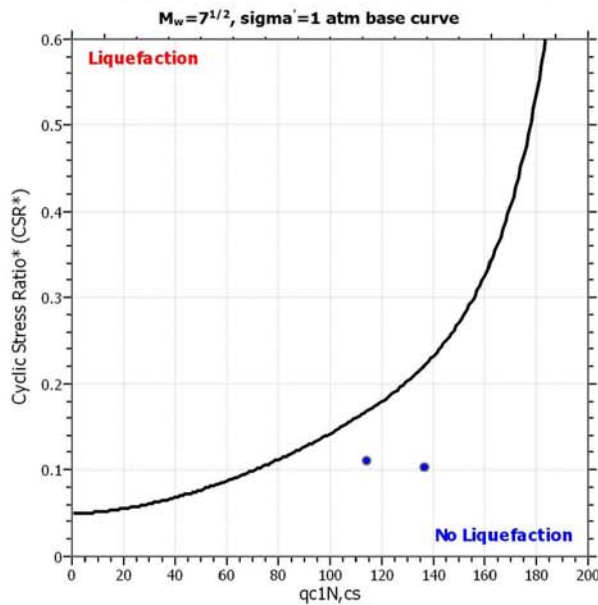
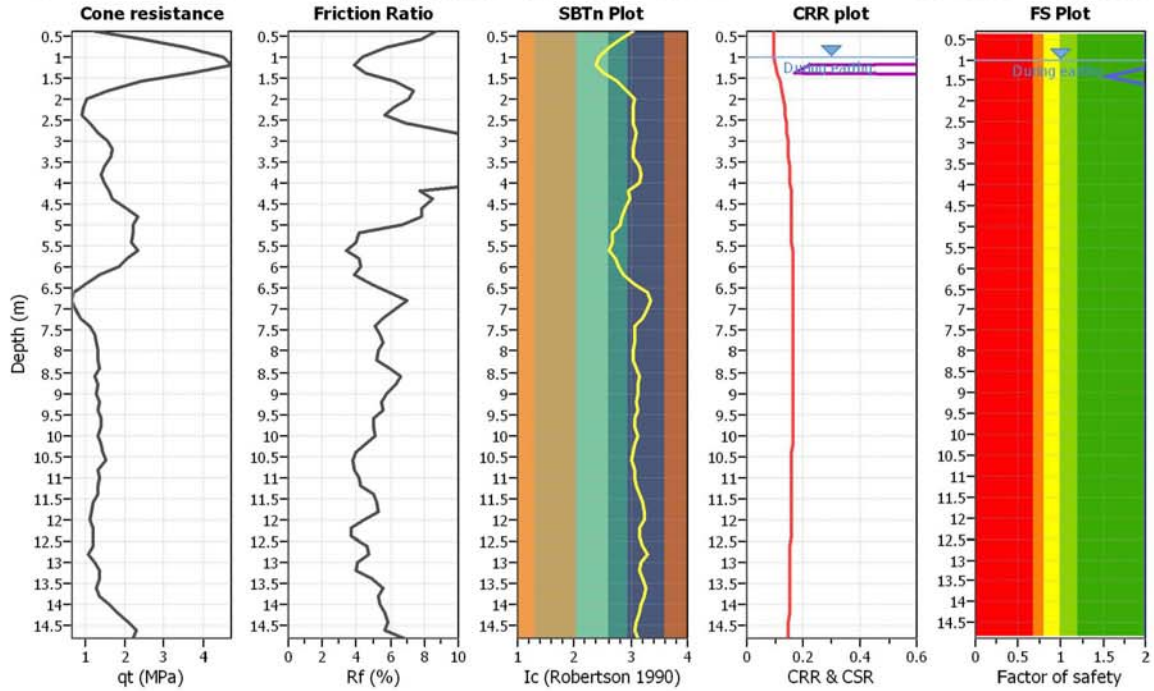
**Project title :**

**Location :**

**CPT file : 185130C132**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

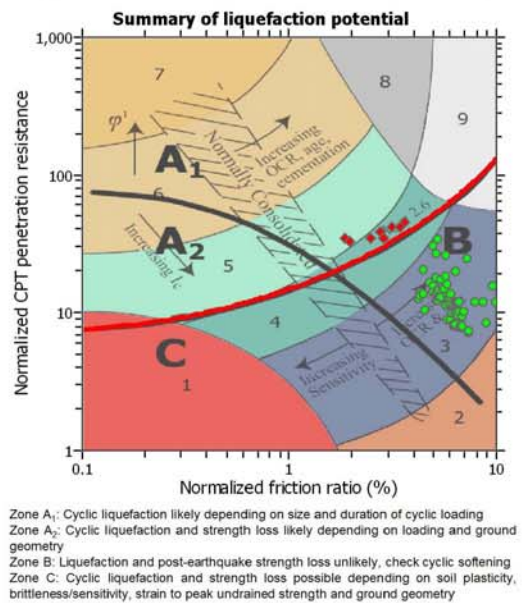
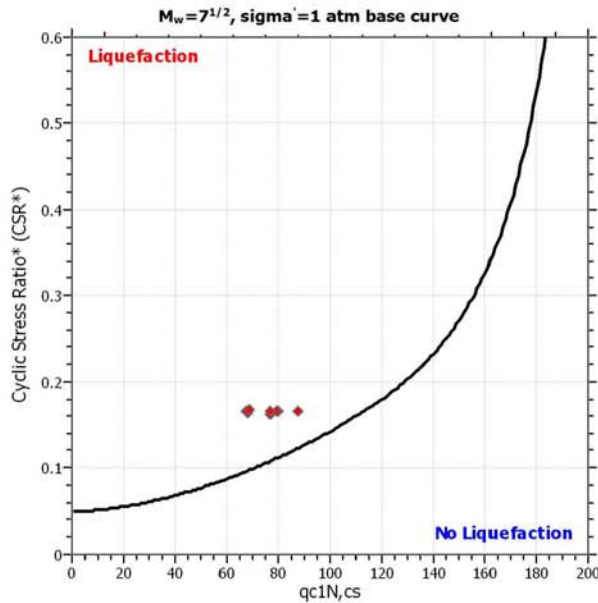
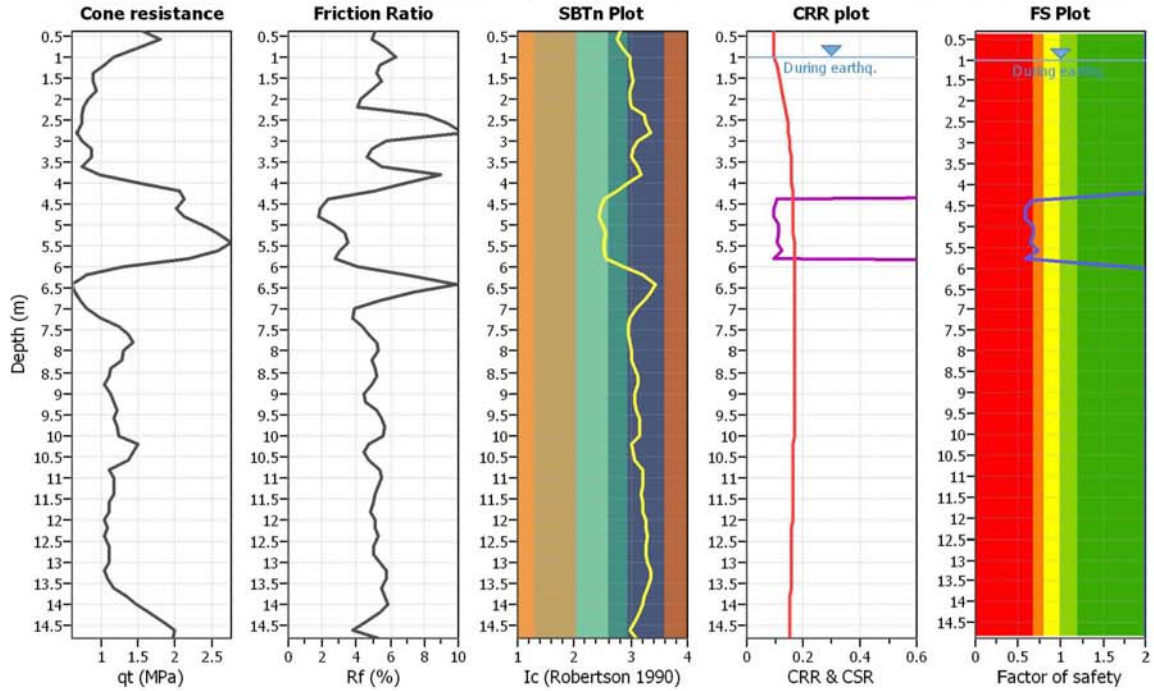
**Project title :**

**Location :**

**CPT file : 185130C133**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

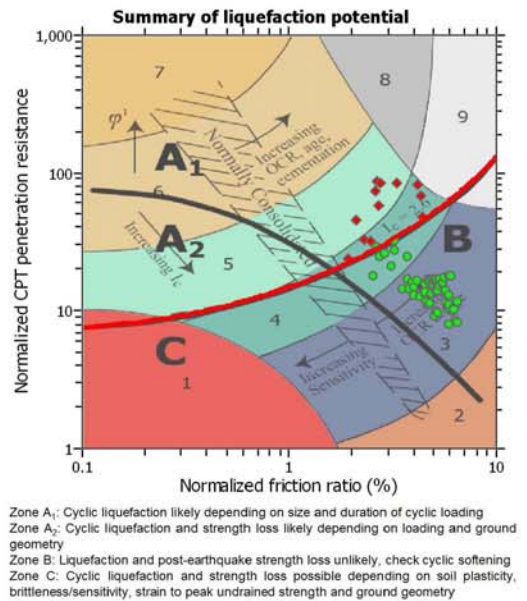
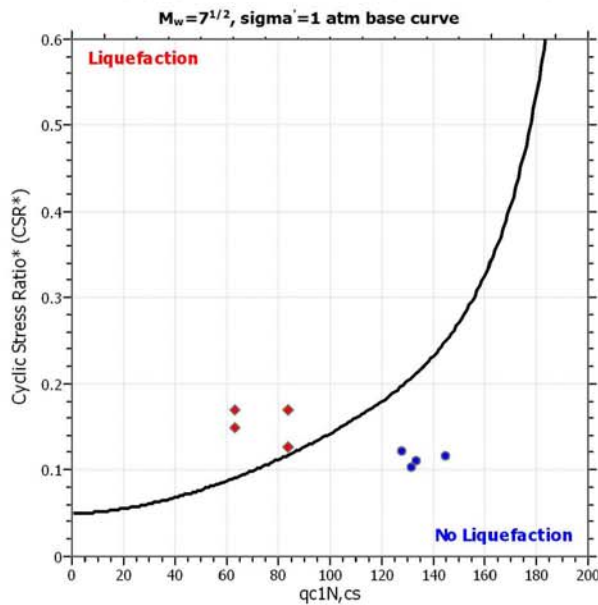
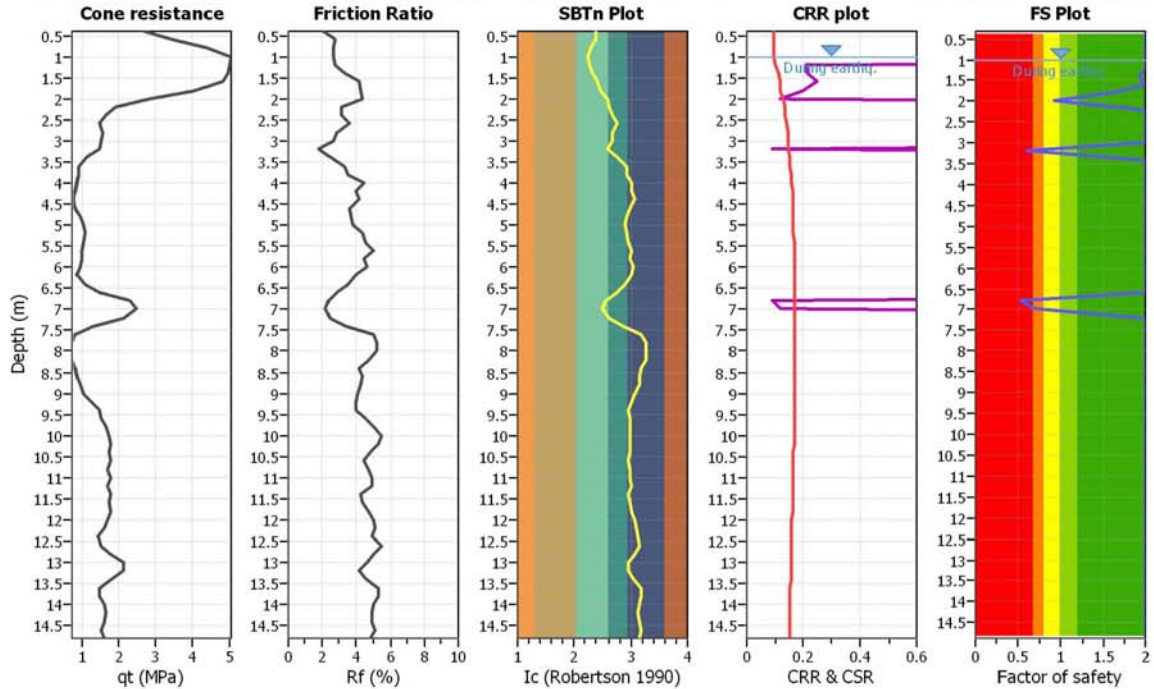
**Project title :**

**Location :**

**CPT file : 185130C134**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

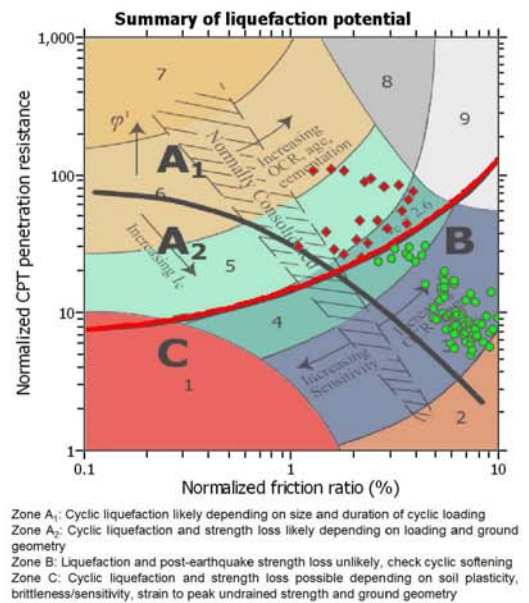
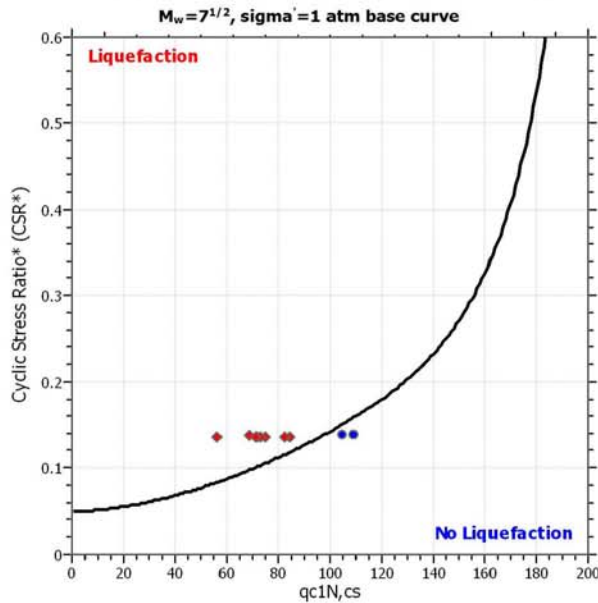
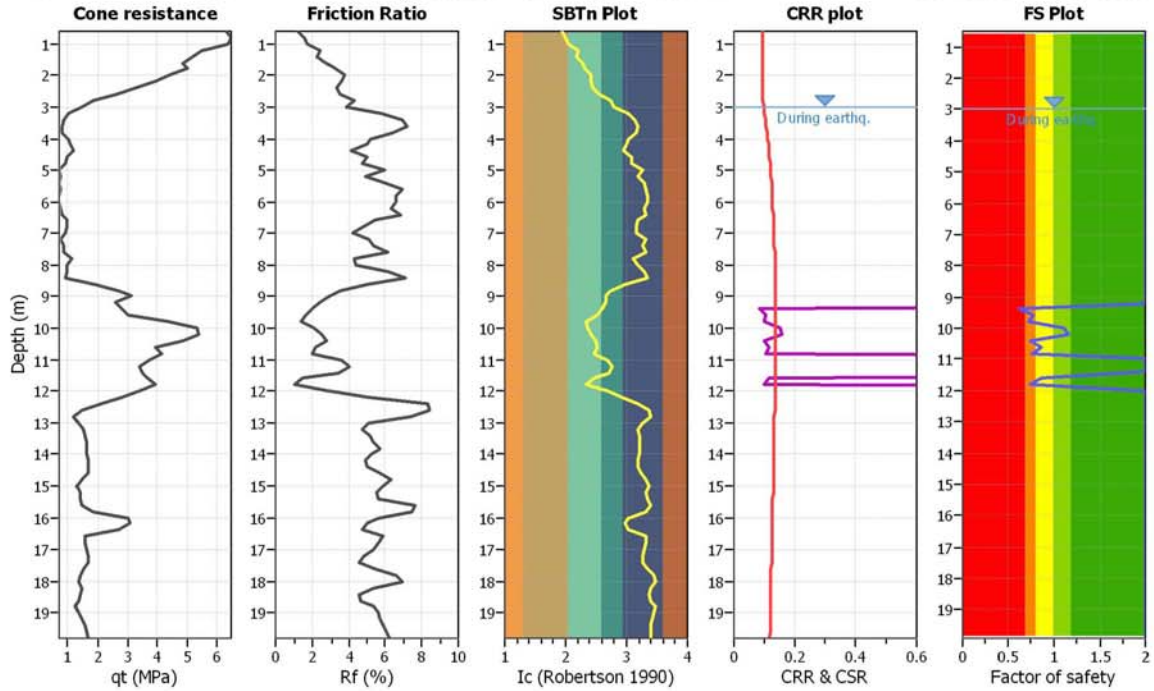
**Project title :**

**Location :**

**CPT file : 185130C135**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

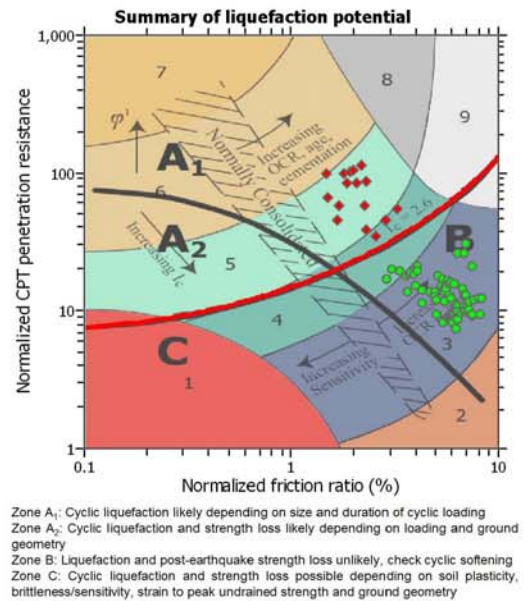
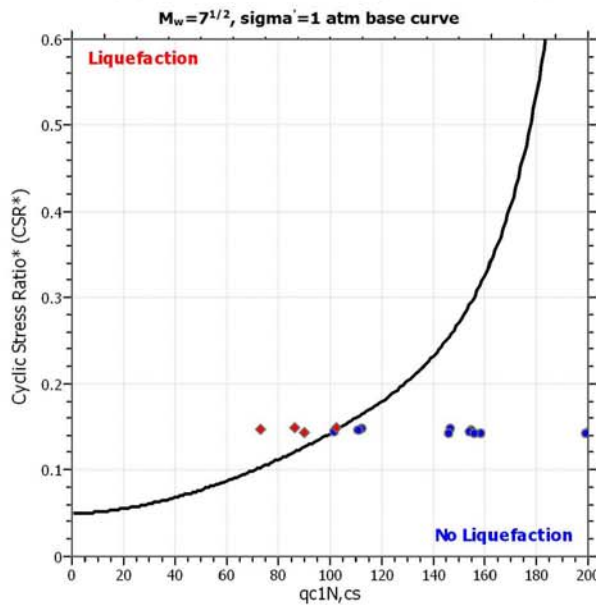
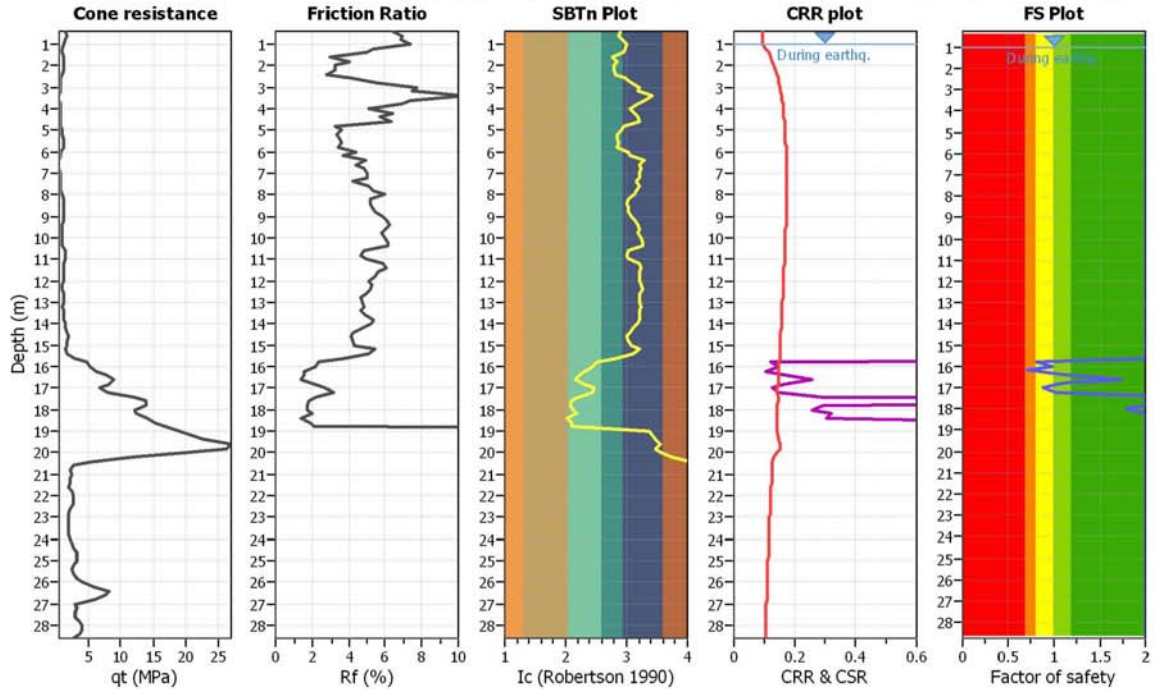
**Project title :**

**Location :**

**CPT file : 185130C136**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

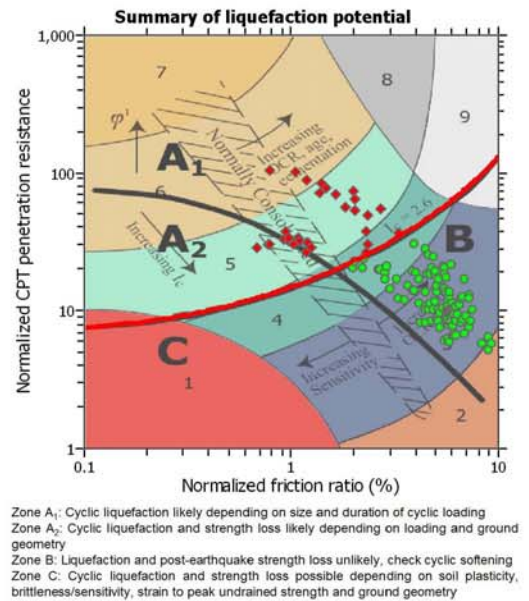
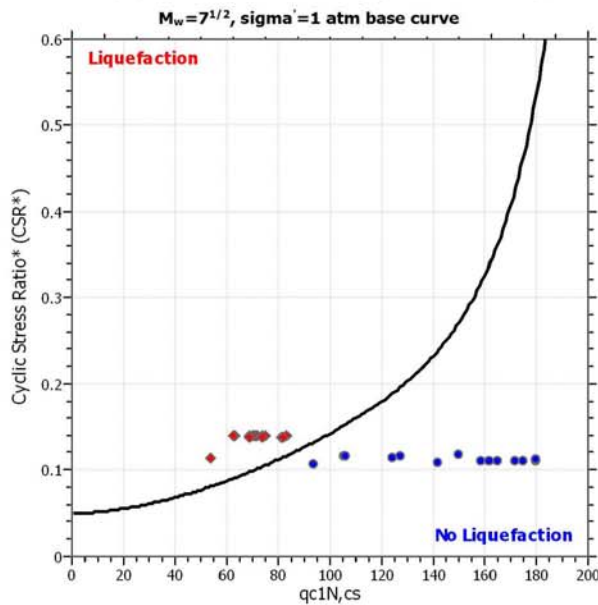
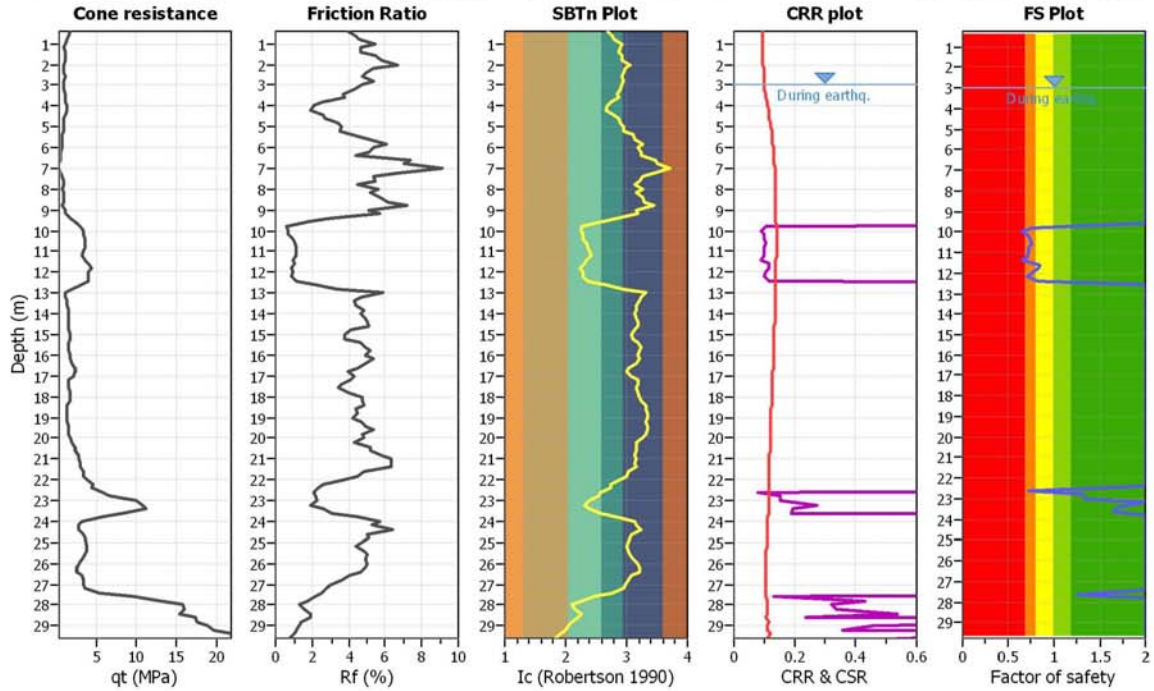
**Project title :**

**Location :**

**CPT file : 185130C137**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

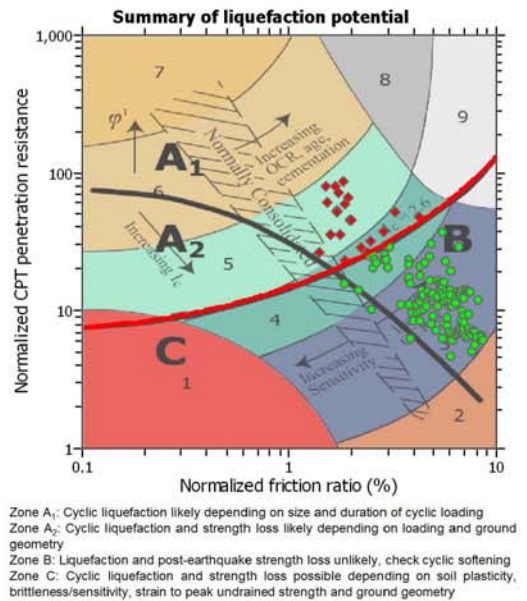
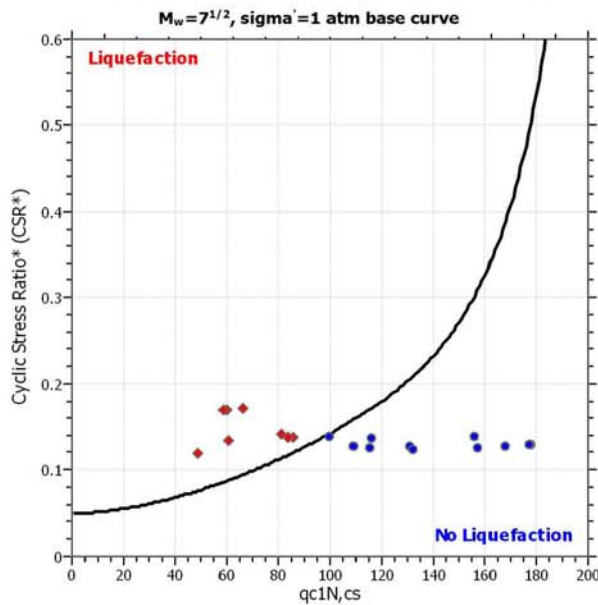
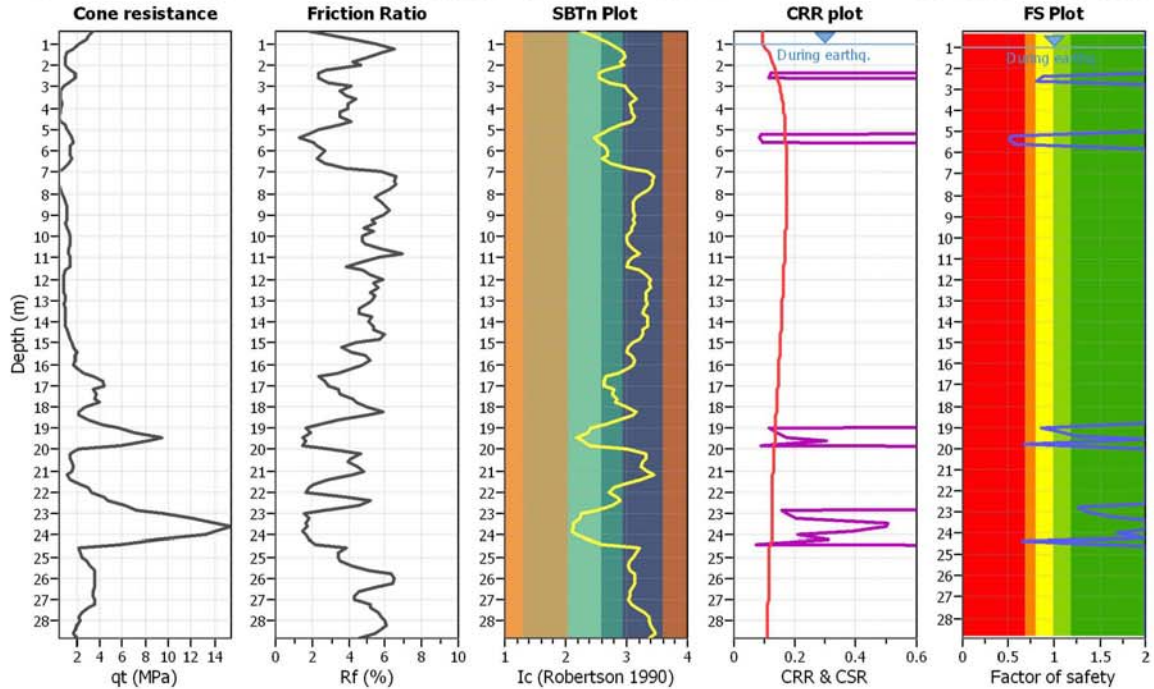
**Project title :**

**Location :**

**CPT file : 185130C138A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

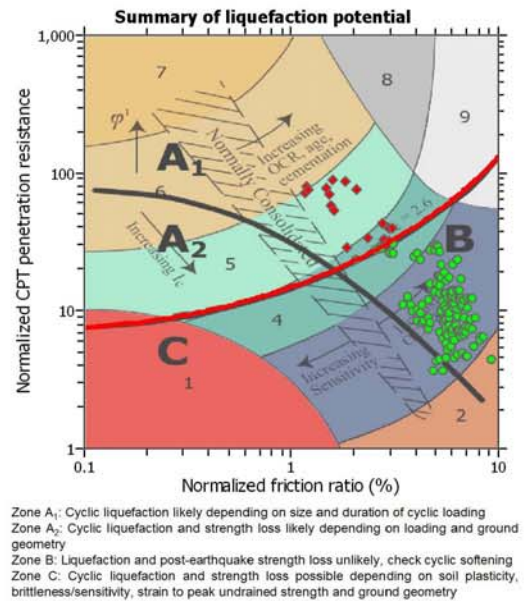
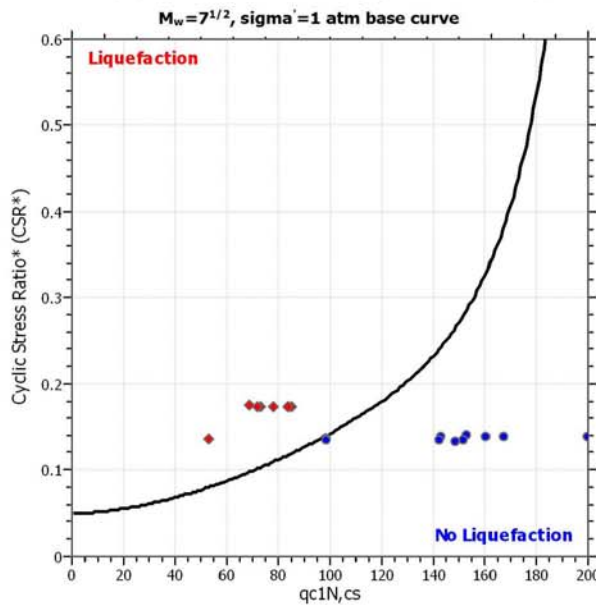
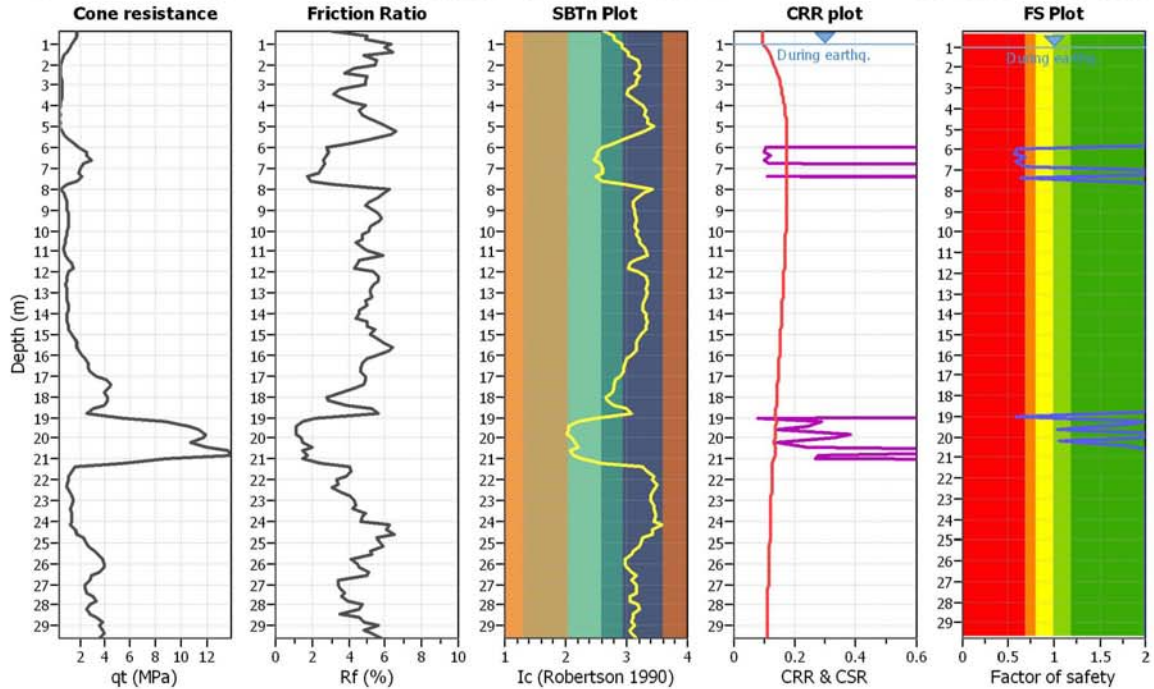
**Project title :**

**Location :**

**CPT file : 185130C138B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

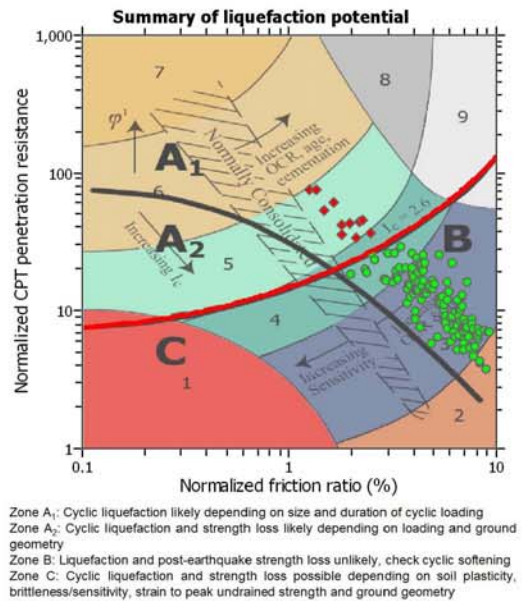
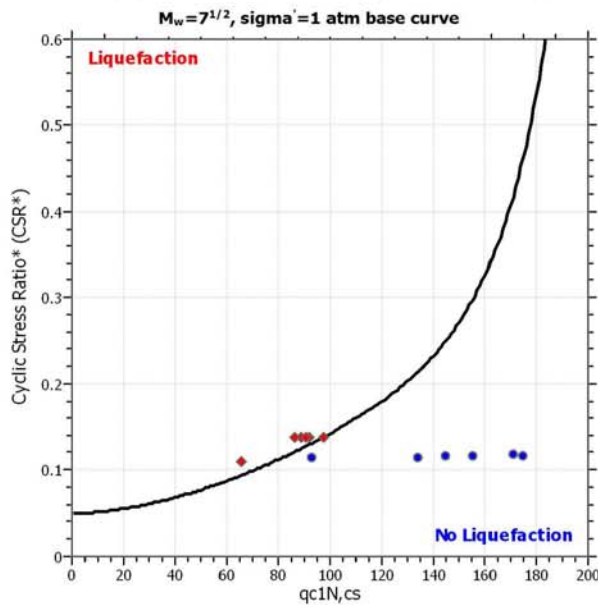
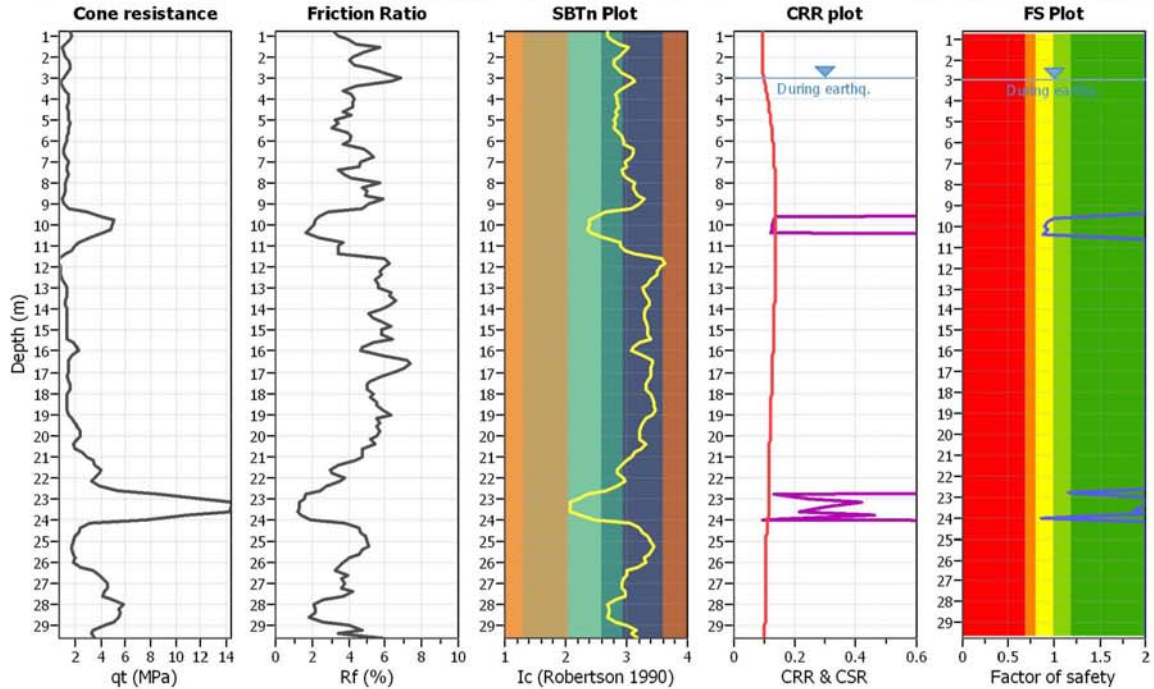
**Project title :**

**Location :**

**CPT file : 185130C139**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

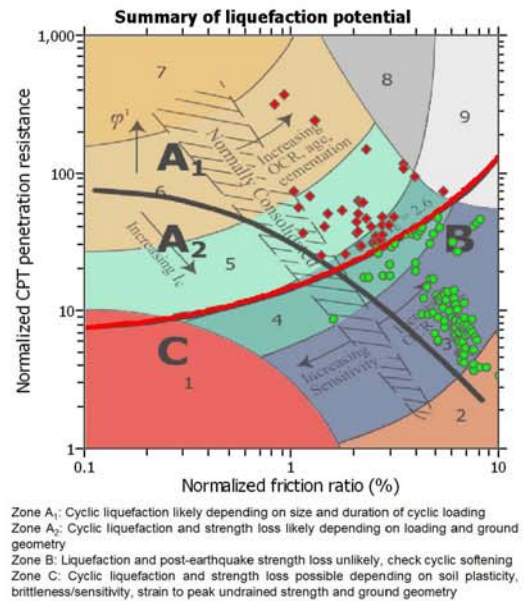
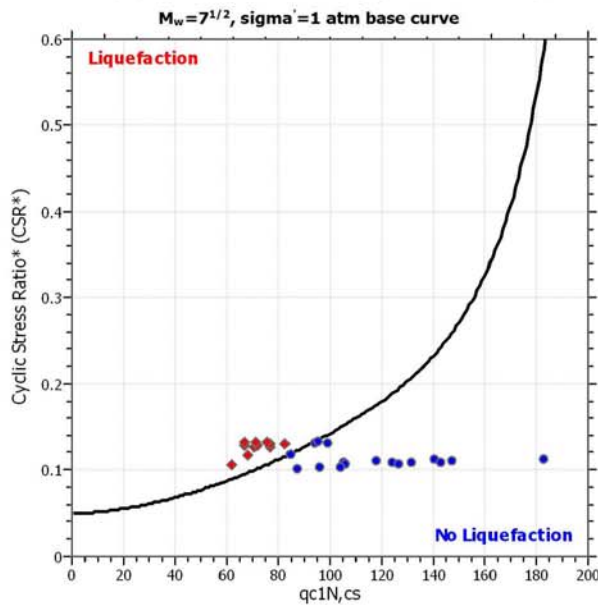
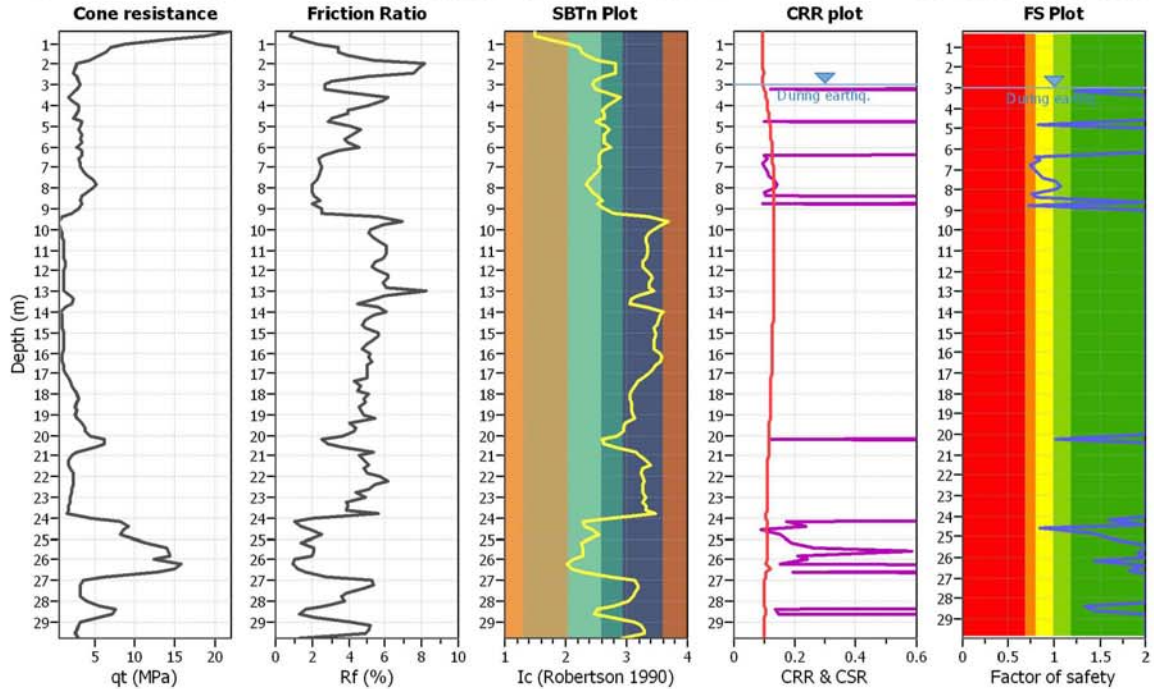
**Project title :**

**Location :**

**CPT file : 185130C140A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

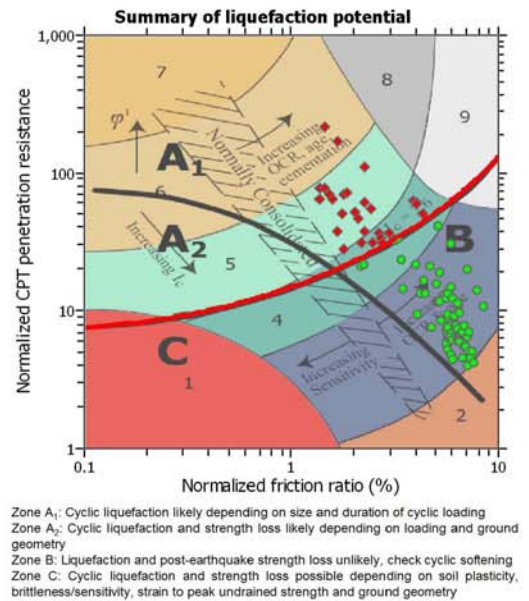
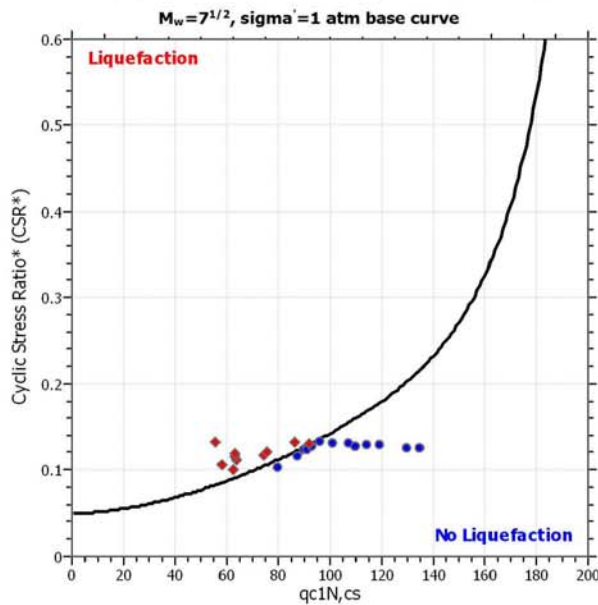
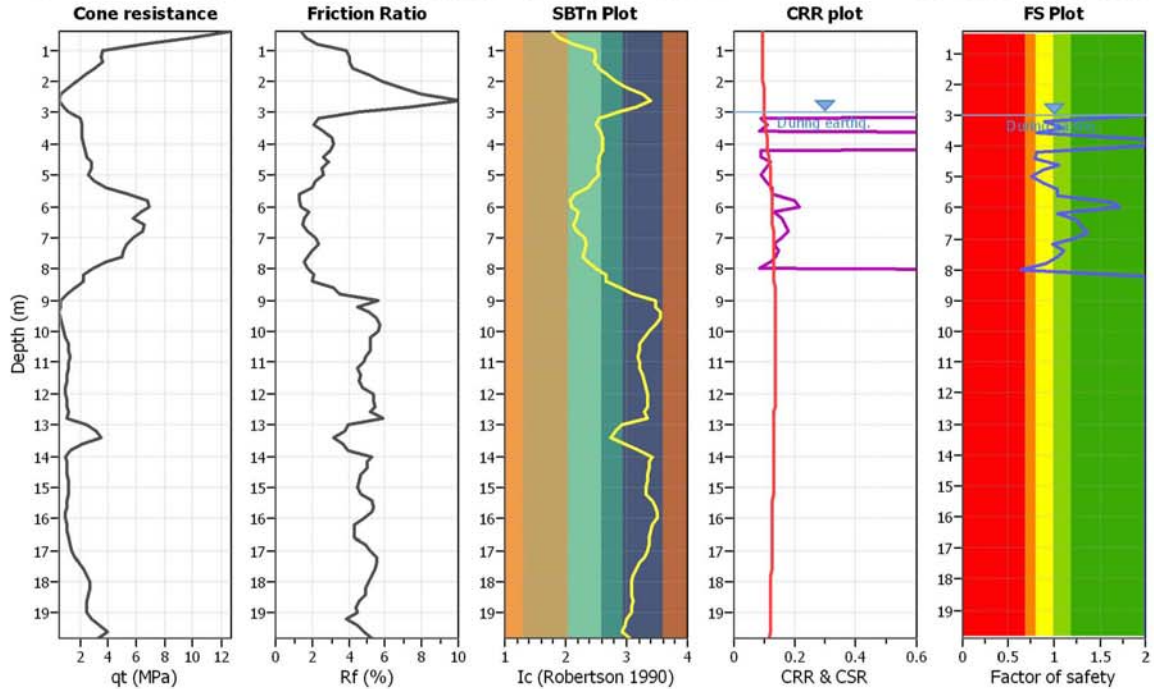
**Project title :**

**Location :**

**CPT file : 185130C140B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

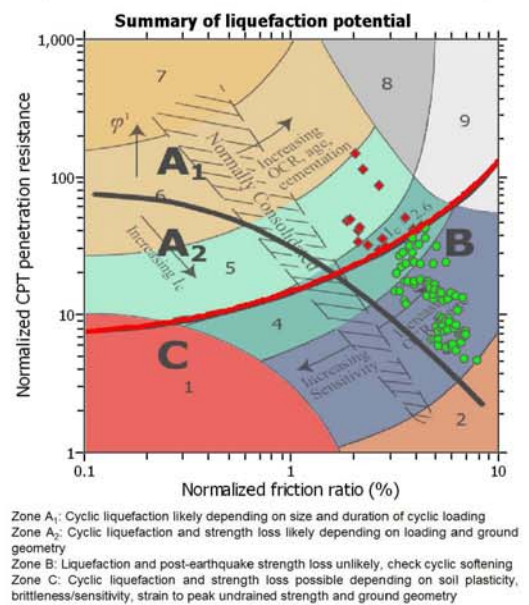
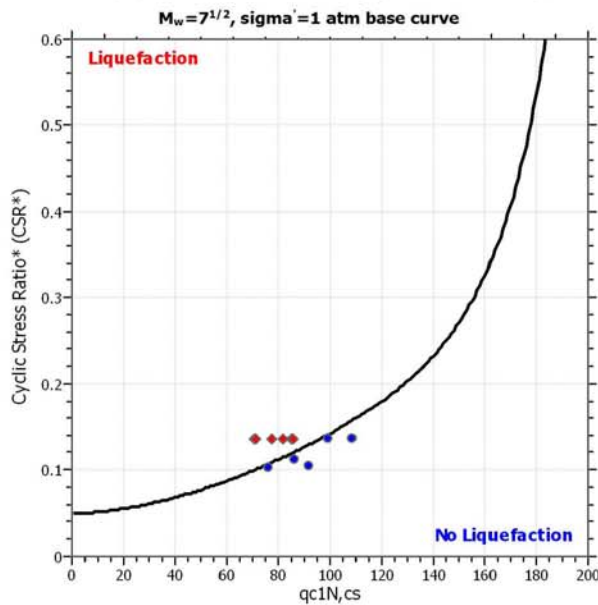
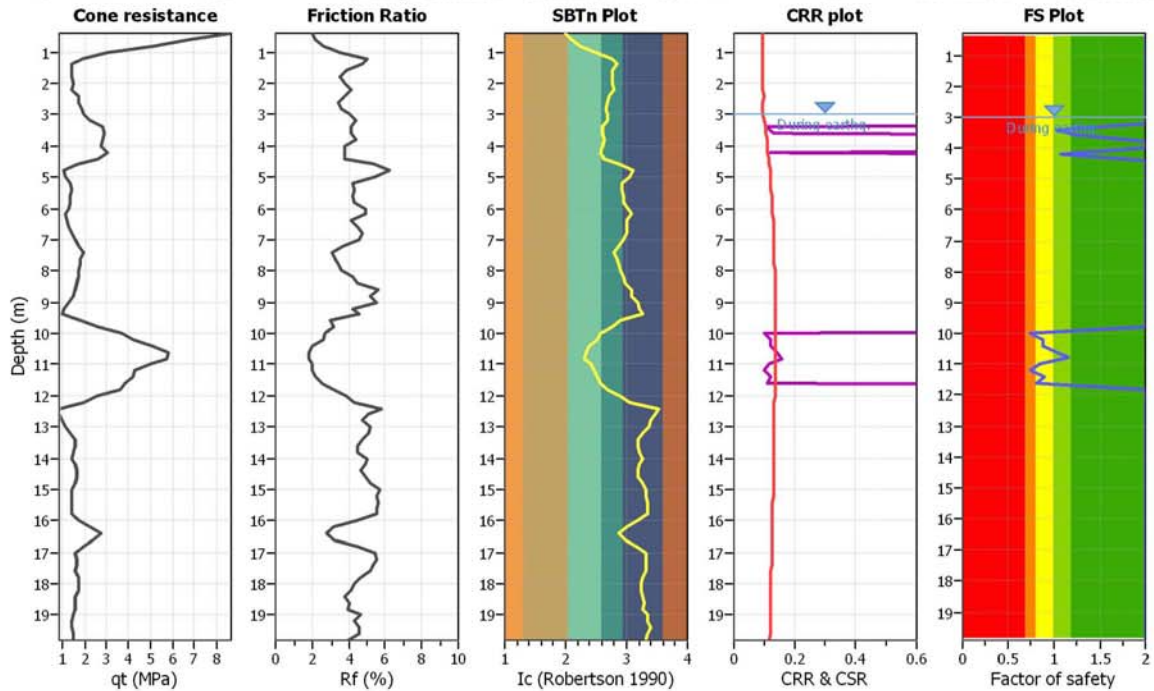
**Project title :**

**Location :**

**CPT file : 185130C140C**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

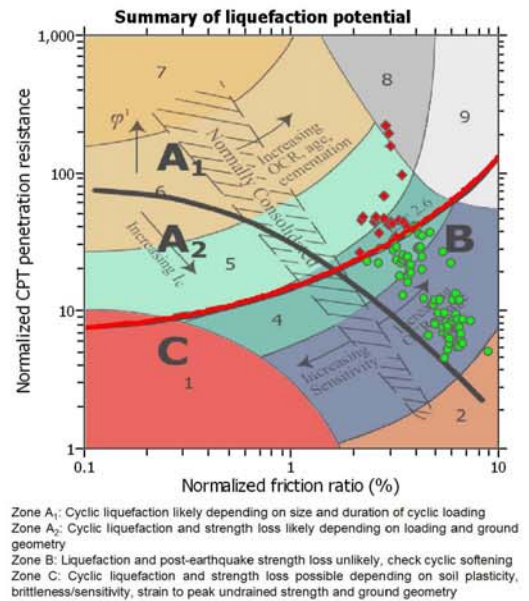
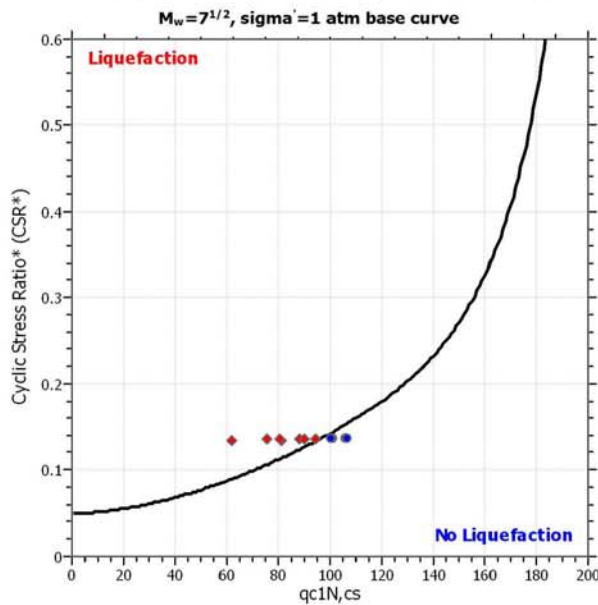
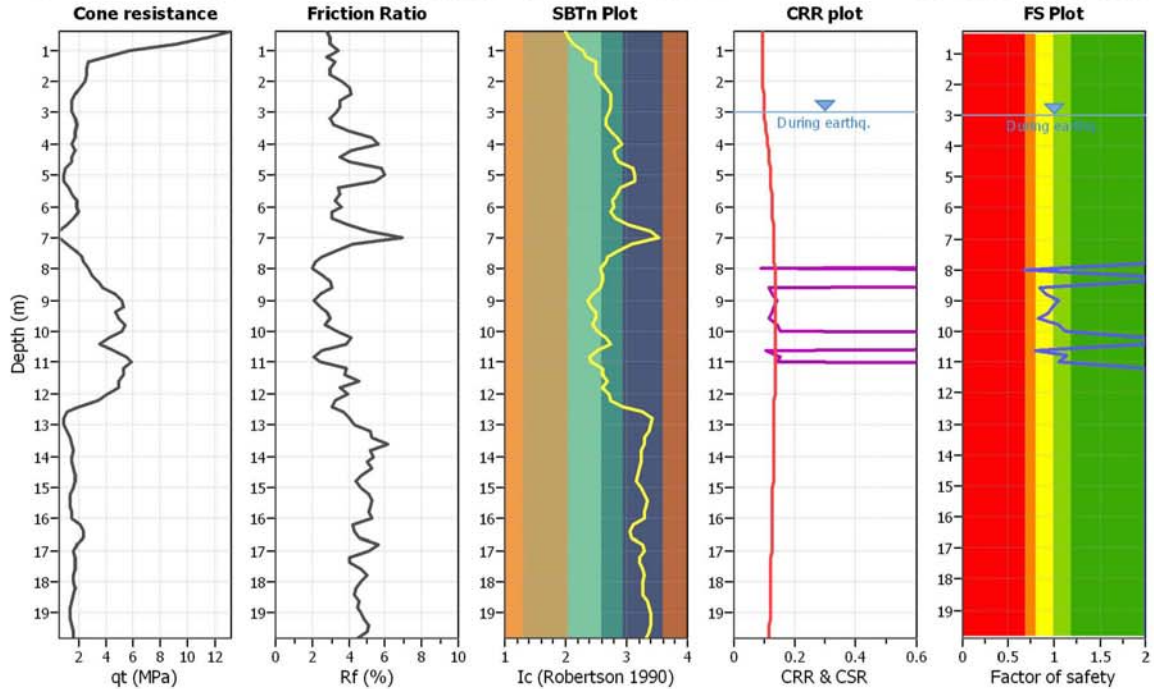
**Project title :**

**Location :**

**CPT file : 185130C140D**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

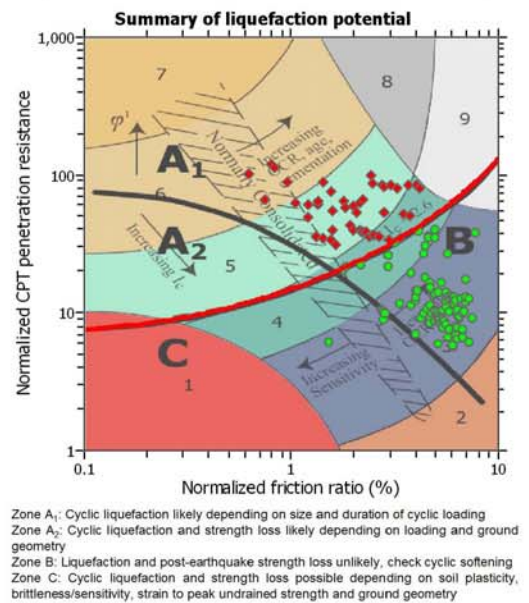
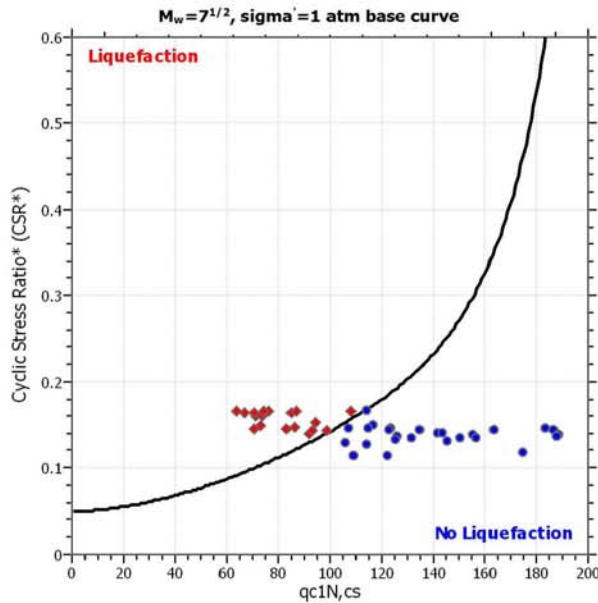
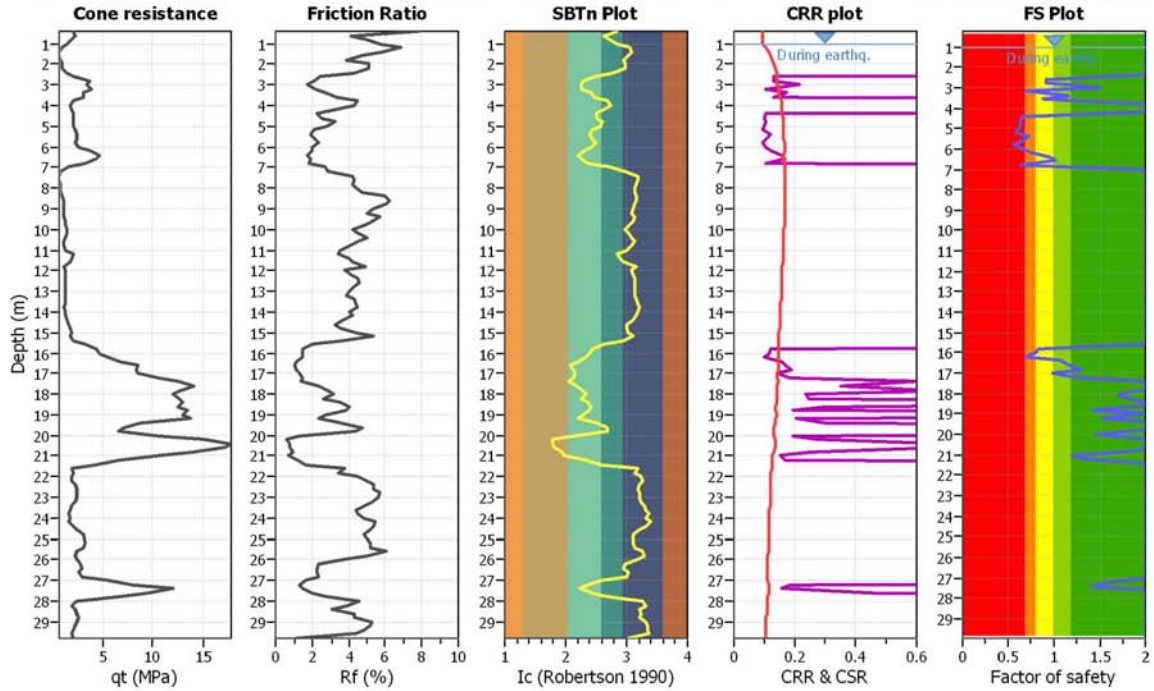
**Project title :**

**Location :**

**CPT file : 185130C141A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

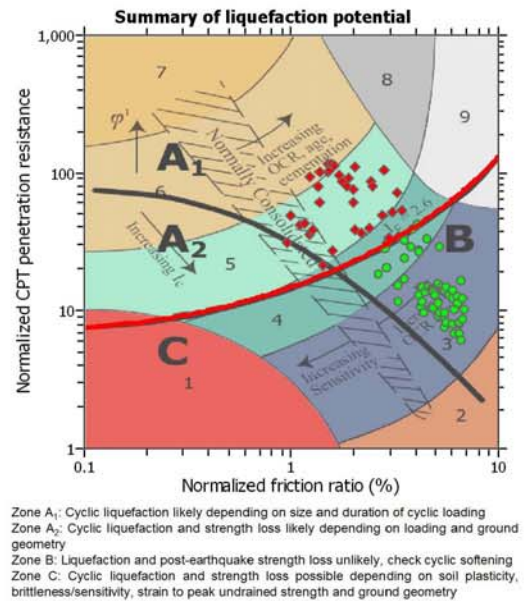
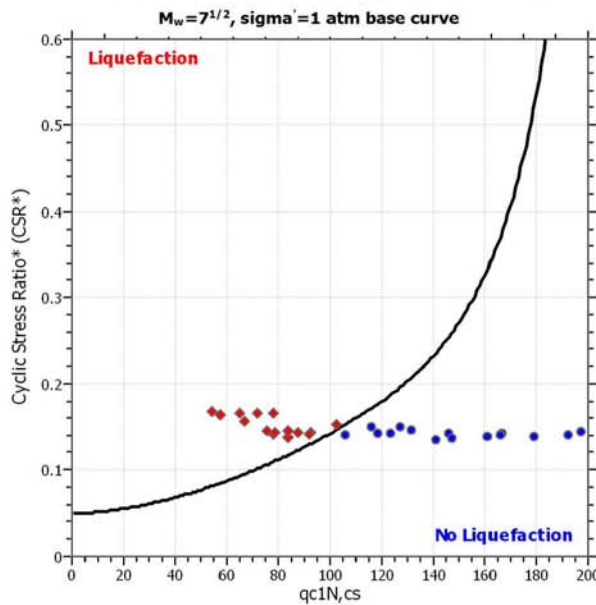
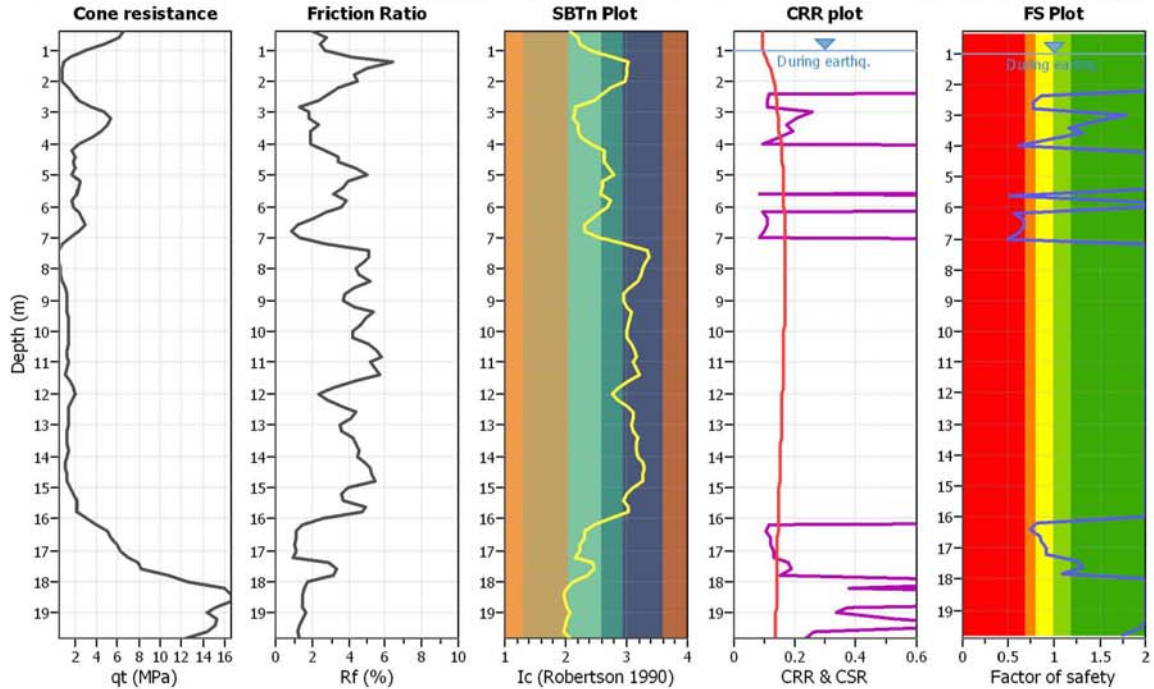
**Project title :**

**Location :**

**CPT file : 185130C141B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

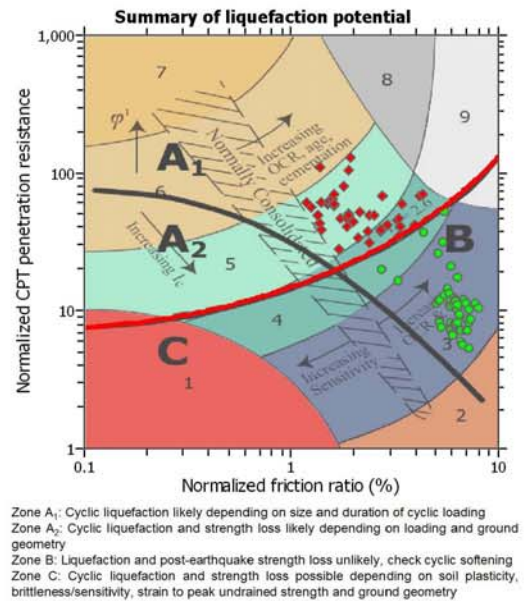
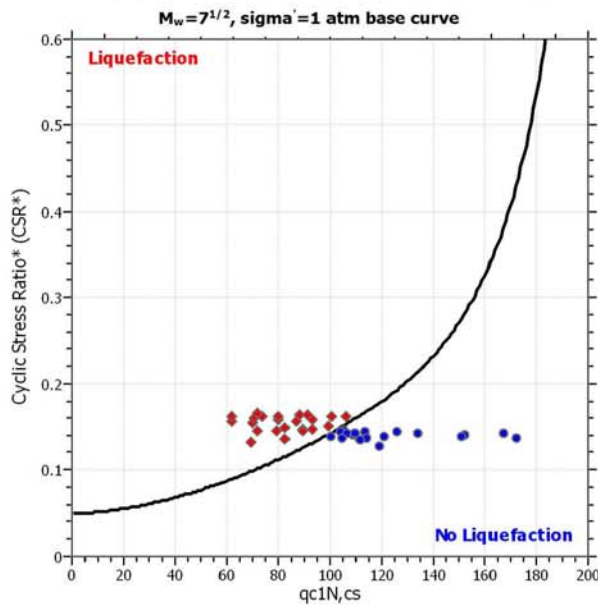
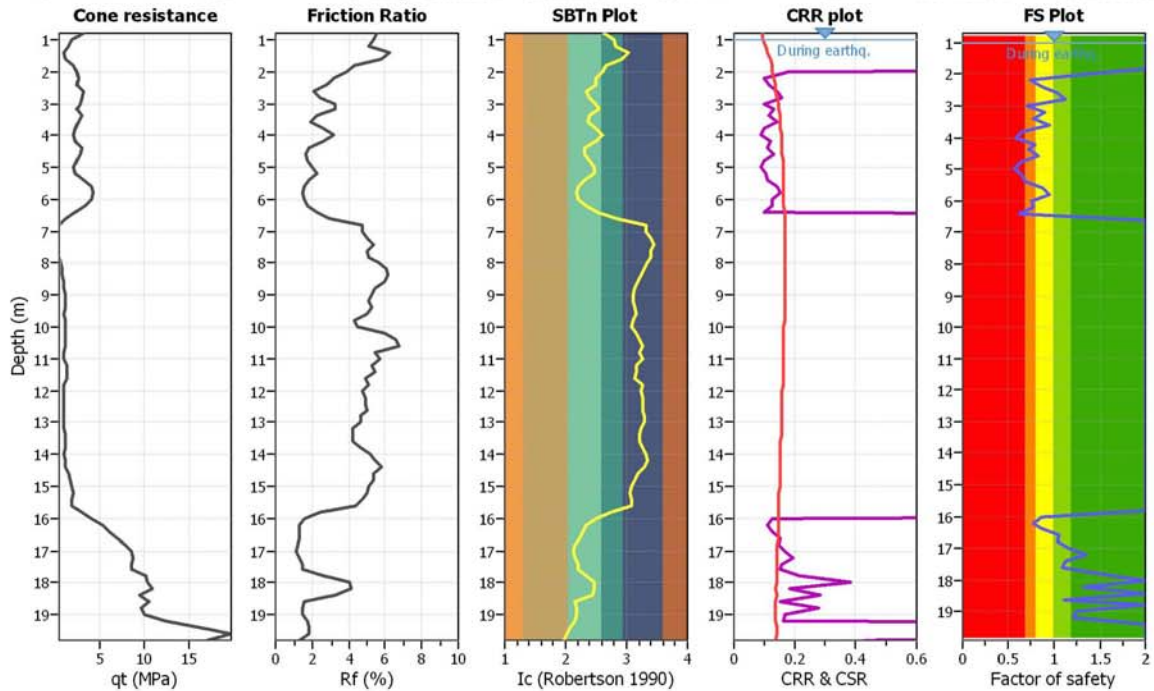
**Project title :**

**Location :**

**CPT file : 185130C141C**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

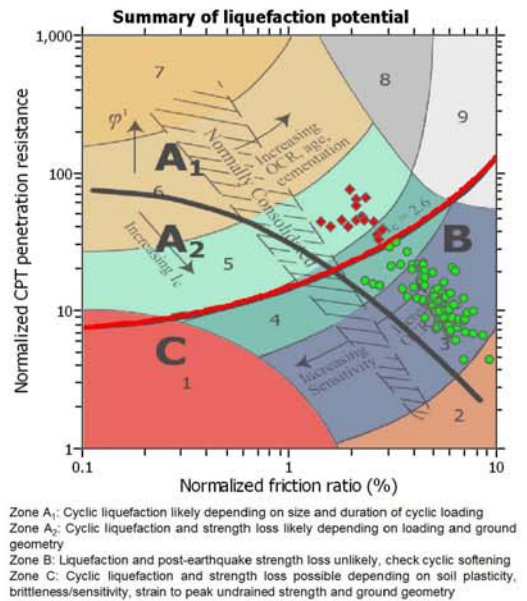
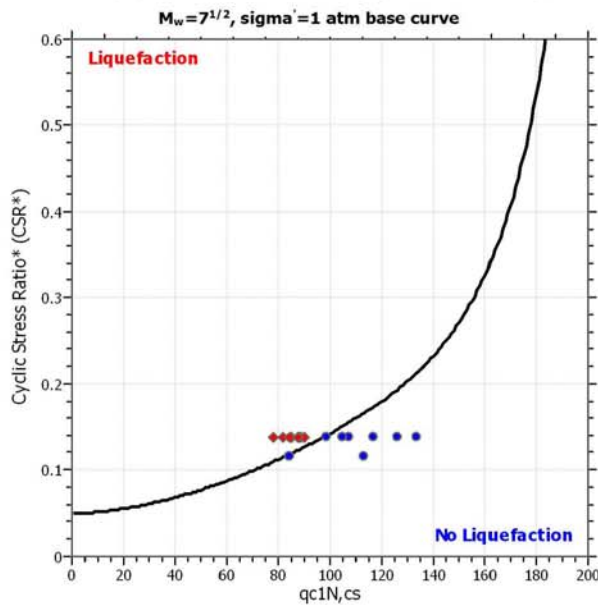
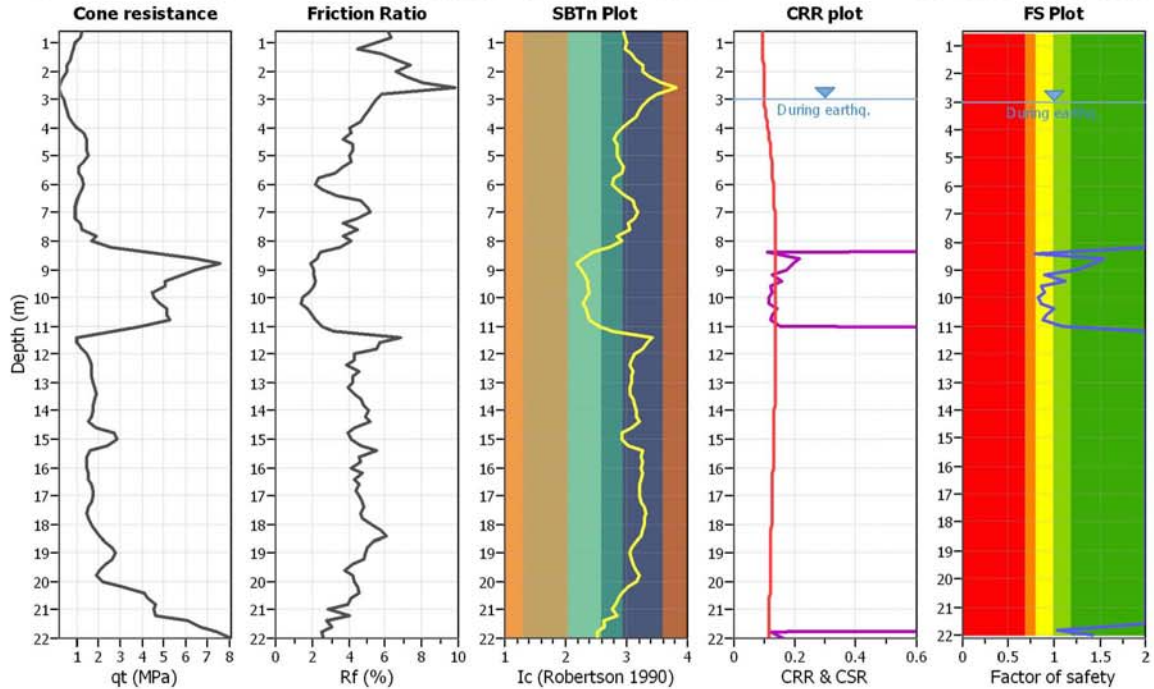
**Project title :**

**Location :**

**CPT file : 185130C142**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

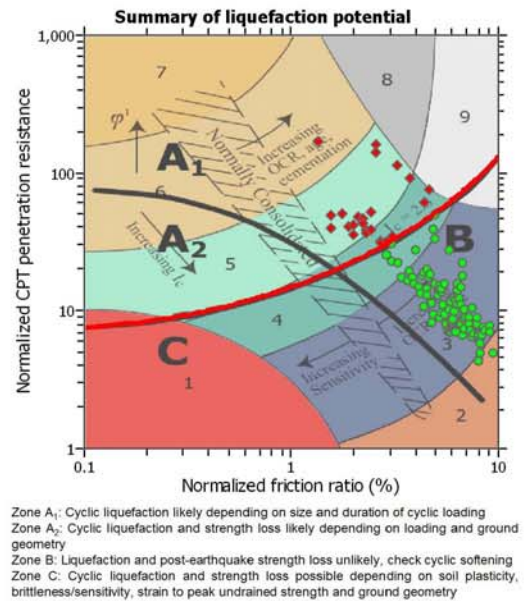
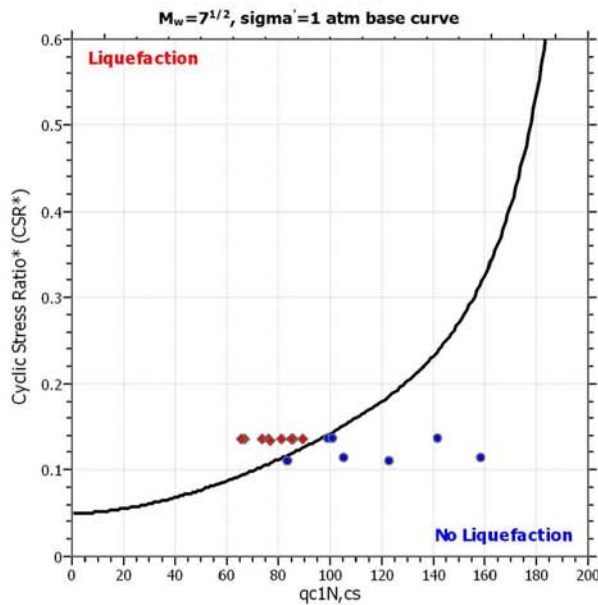
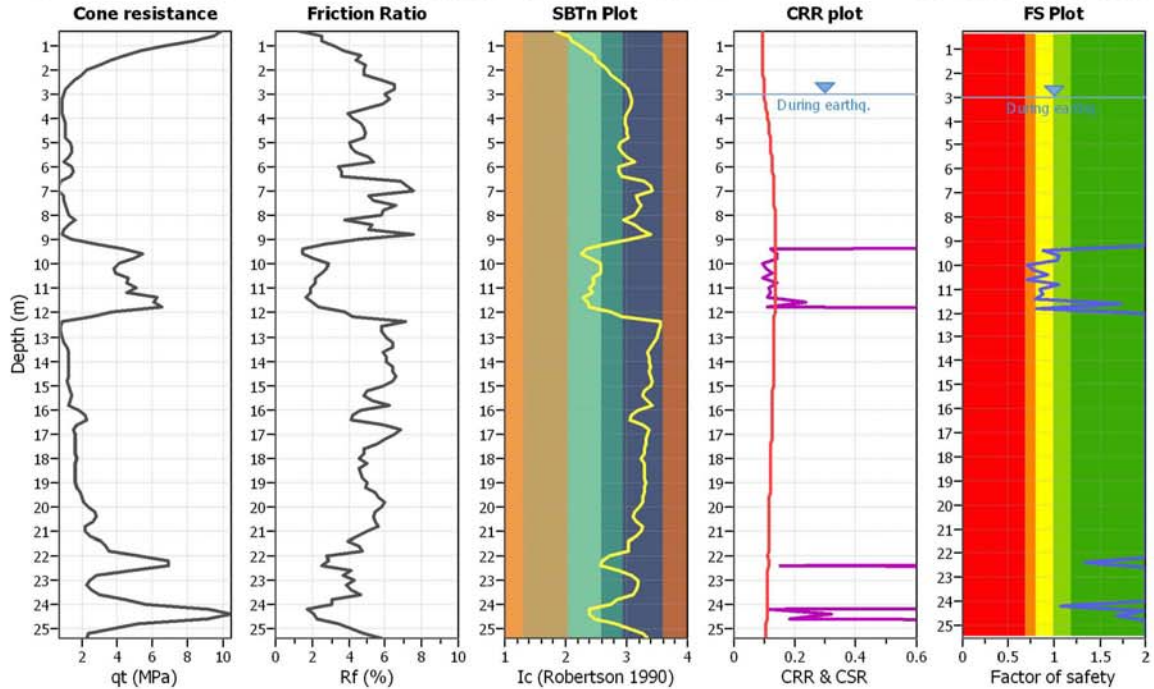
**Project title :**

**Location :**

**CPT file : 185130C143A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

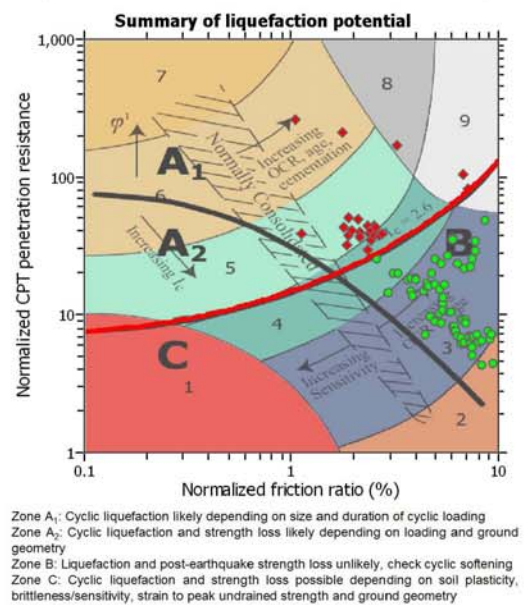
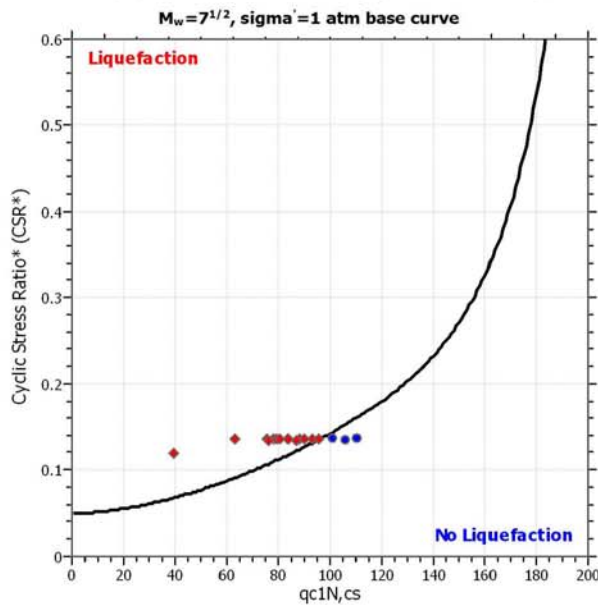
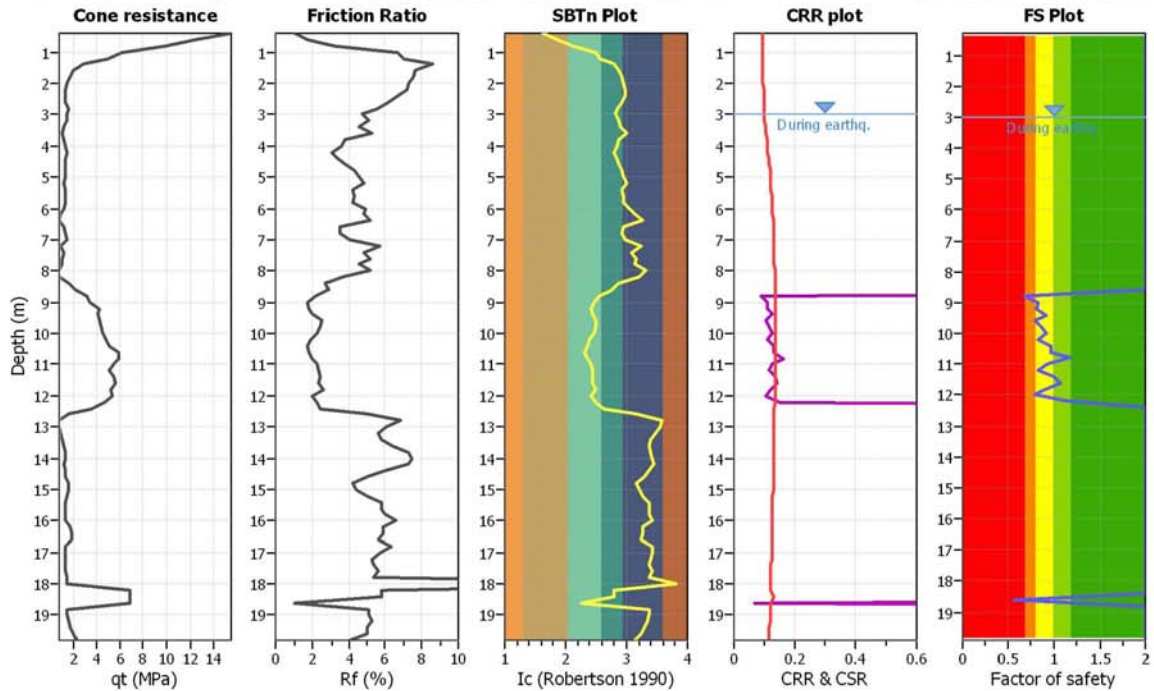
**Project title :**

**Location :**

**CPT file : 185130C143B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

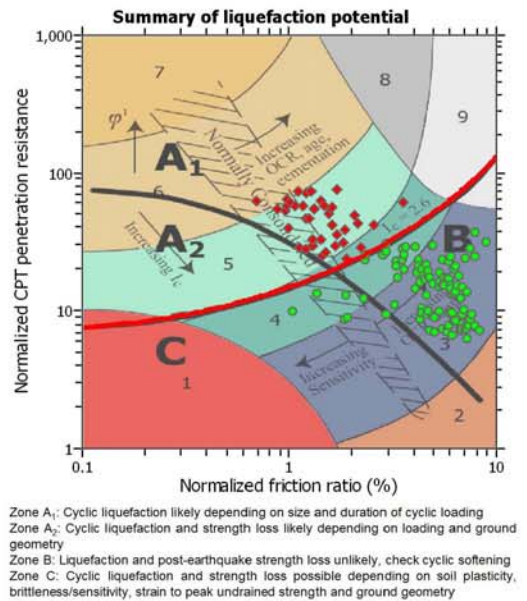
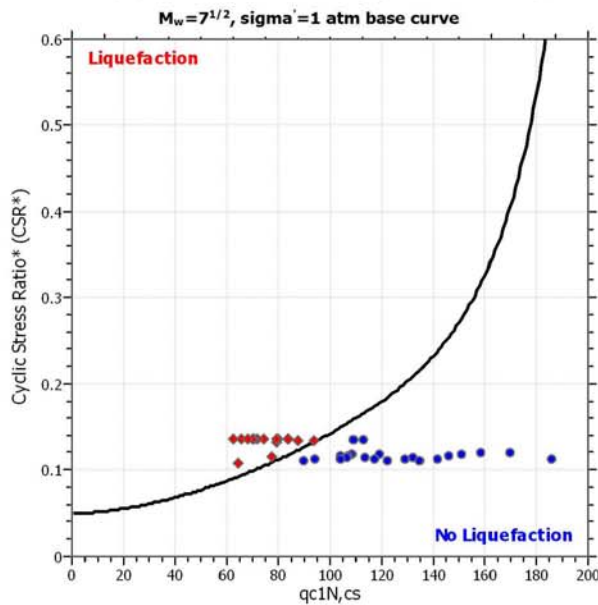
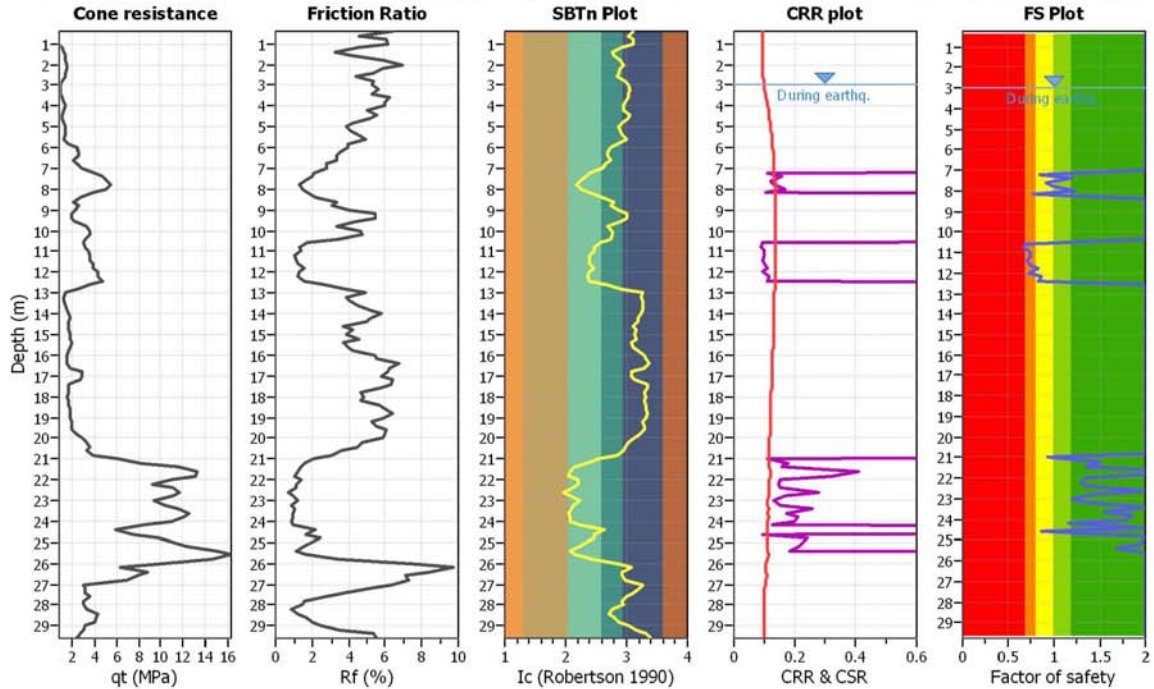
**Project title :**

**Location :**

**CPT file : 185130C144**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

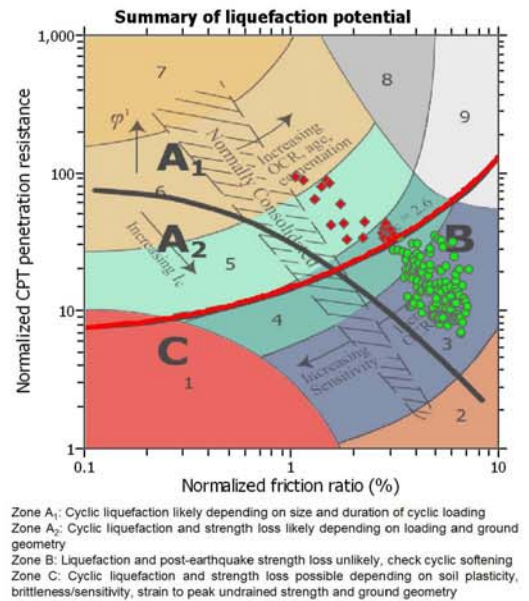
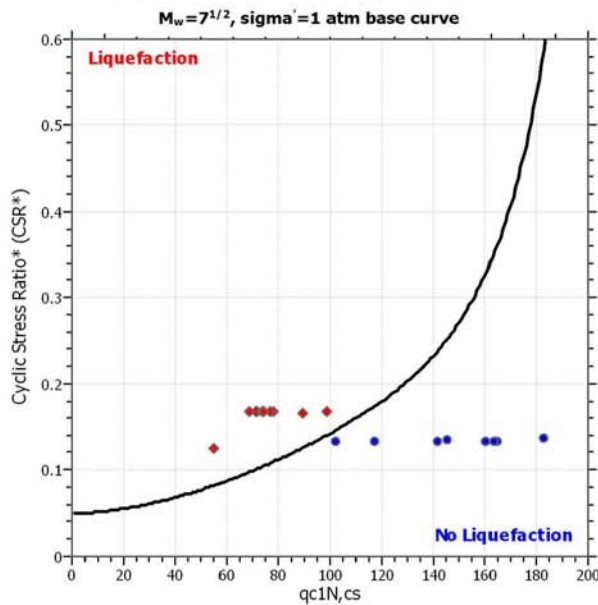
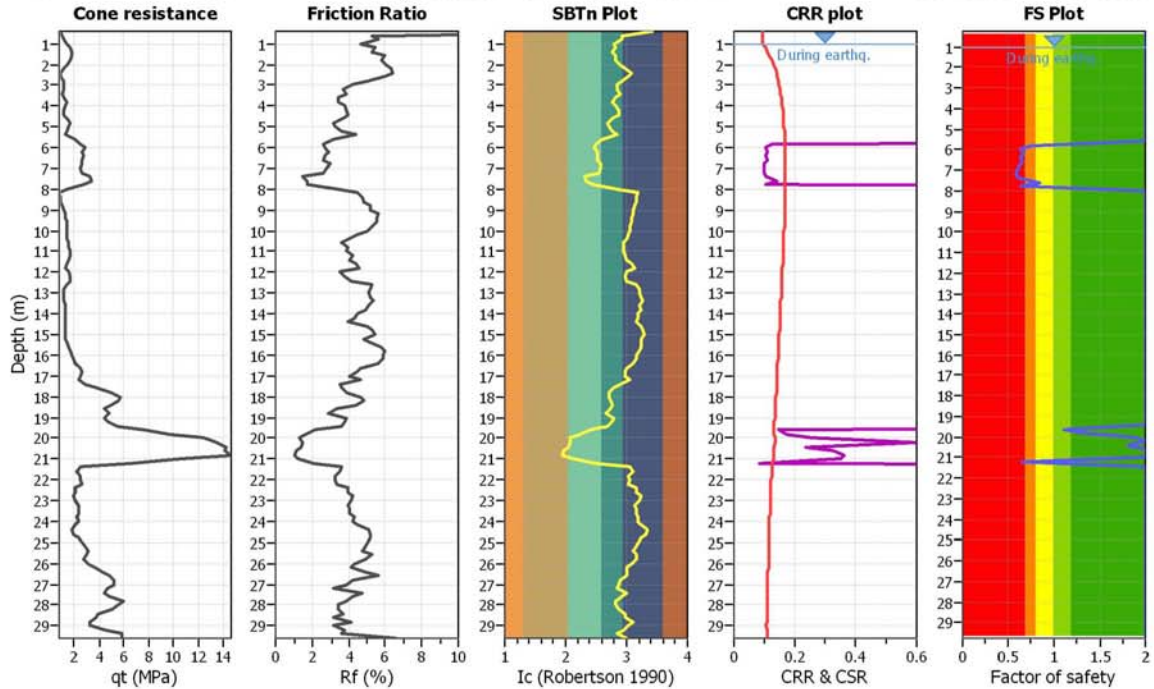
**Project title :**

**Location :**

**CPT file : 185130C145A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

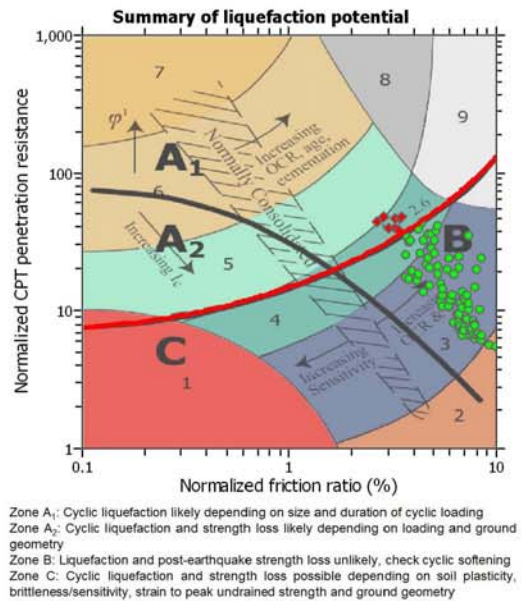
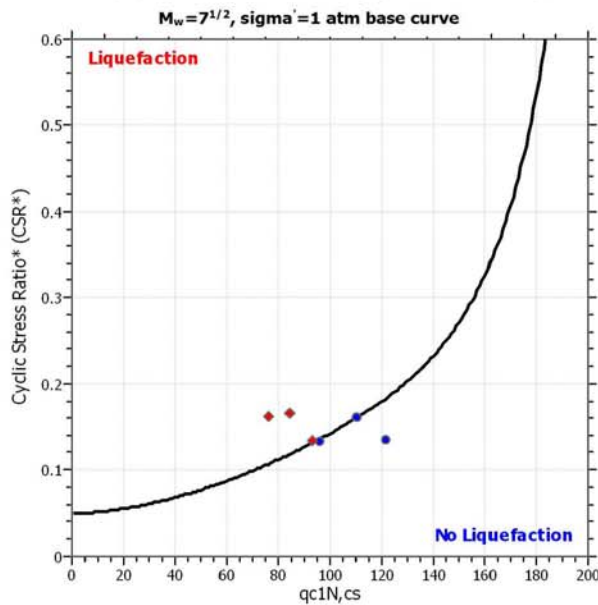
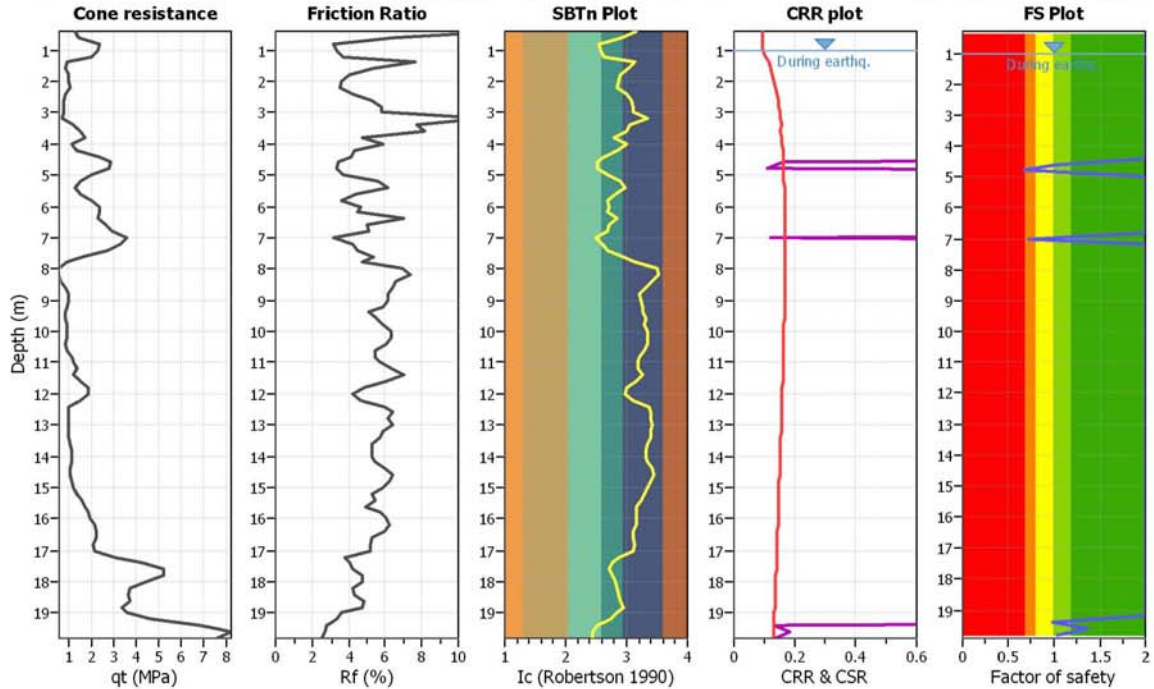
**Project title :**

**Location :**

**CPT file : 185130C145B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

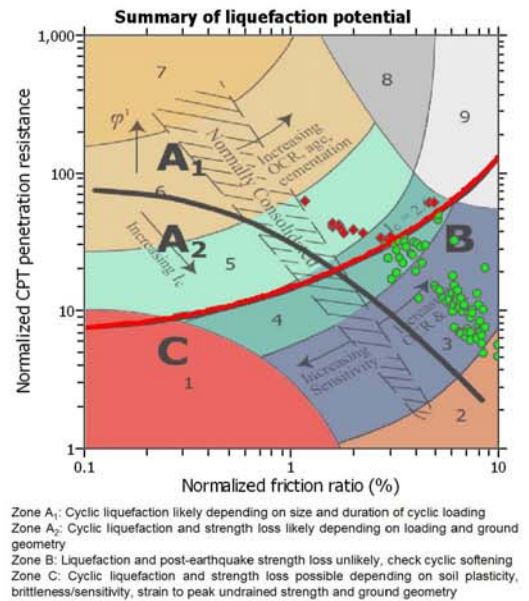
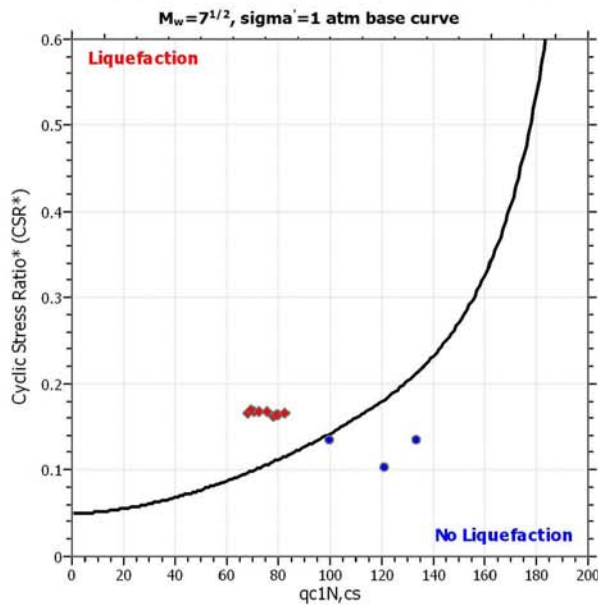
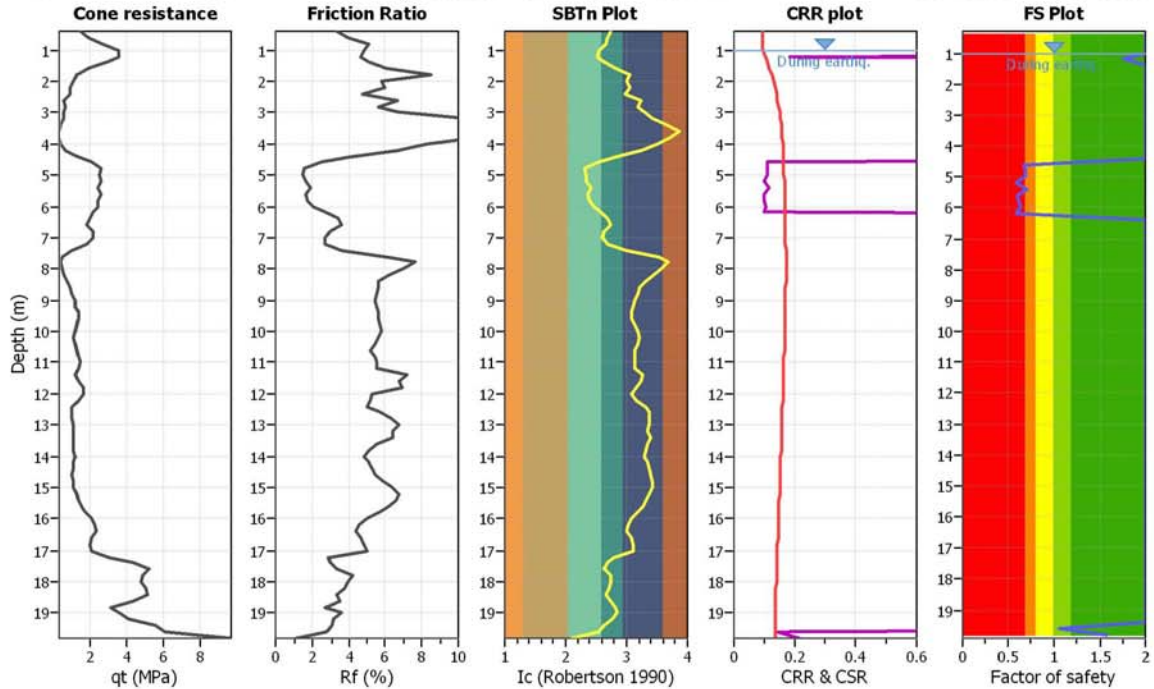
**Project title :**

**Location :**

**CPT file : 185130C145C**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

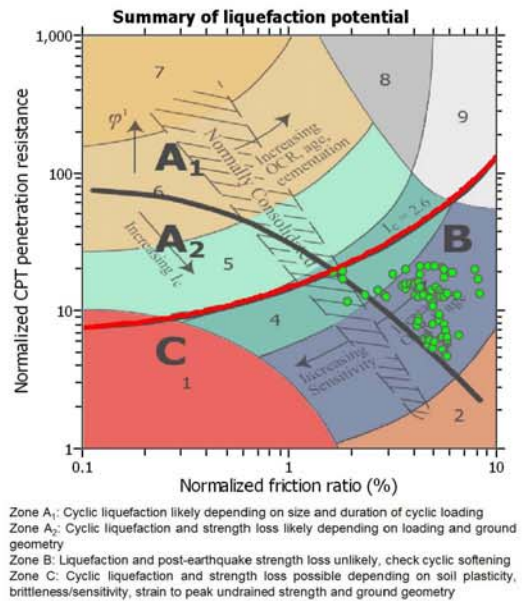
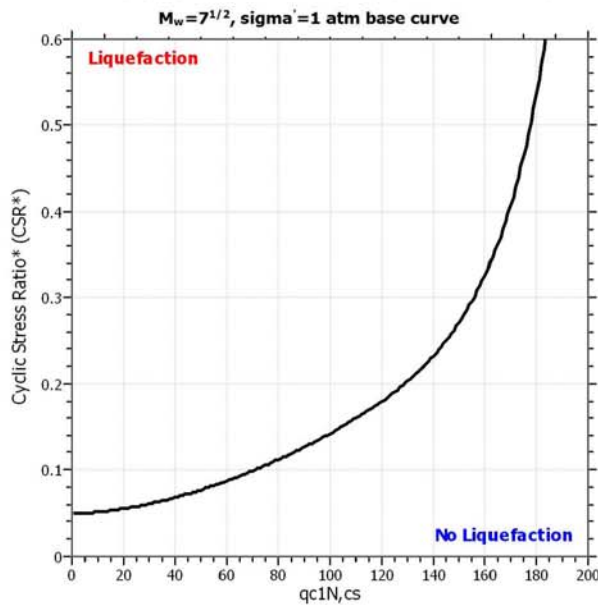
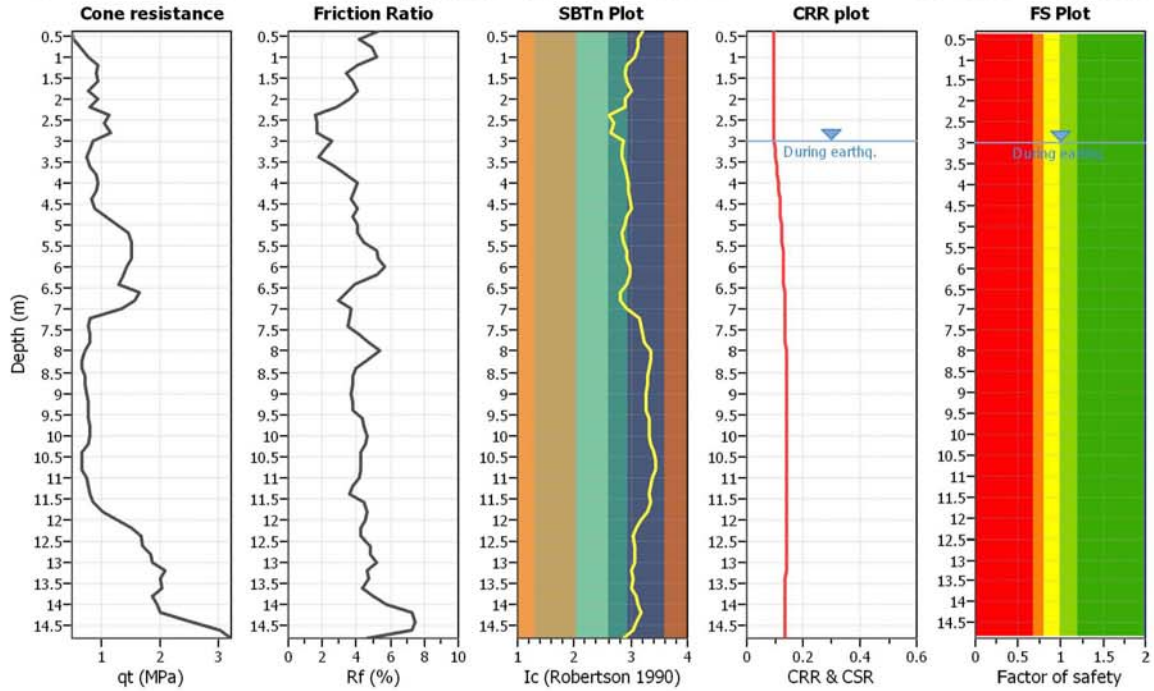
**Project title :**

**Location :**

**CPT file : 185130C155**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

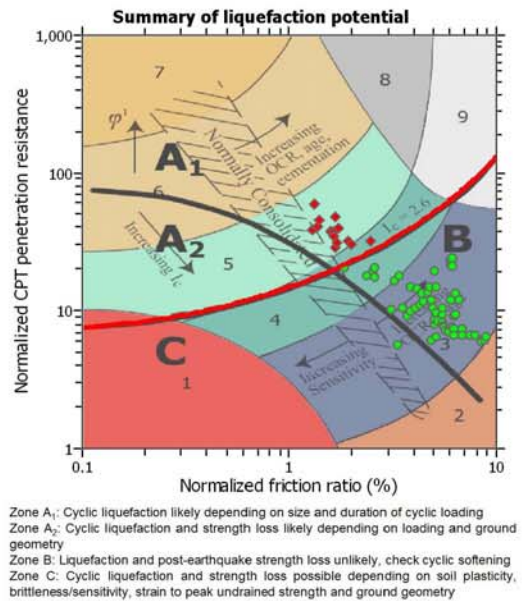
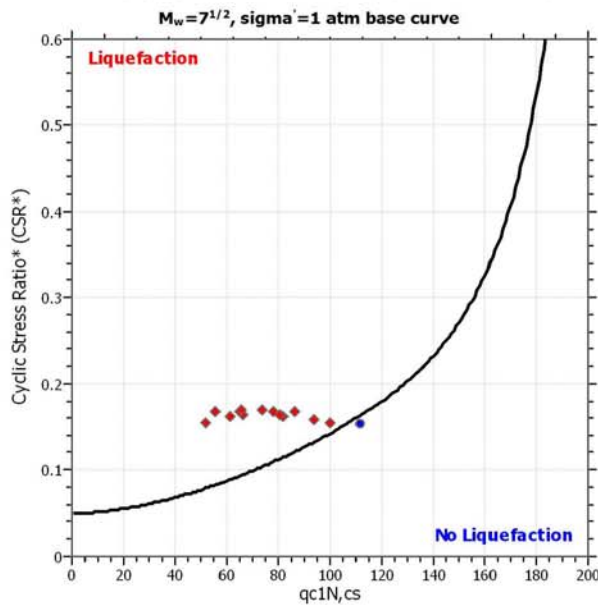
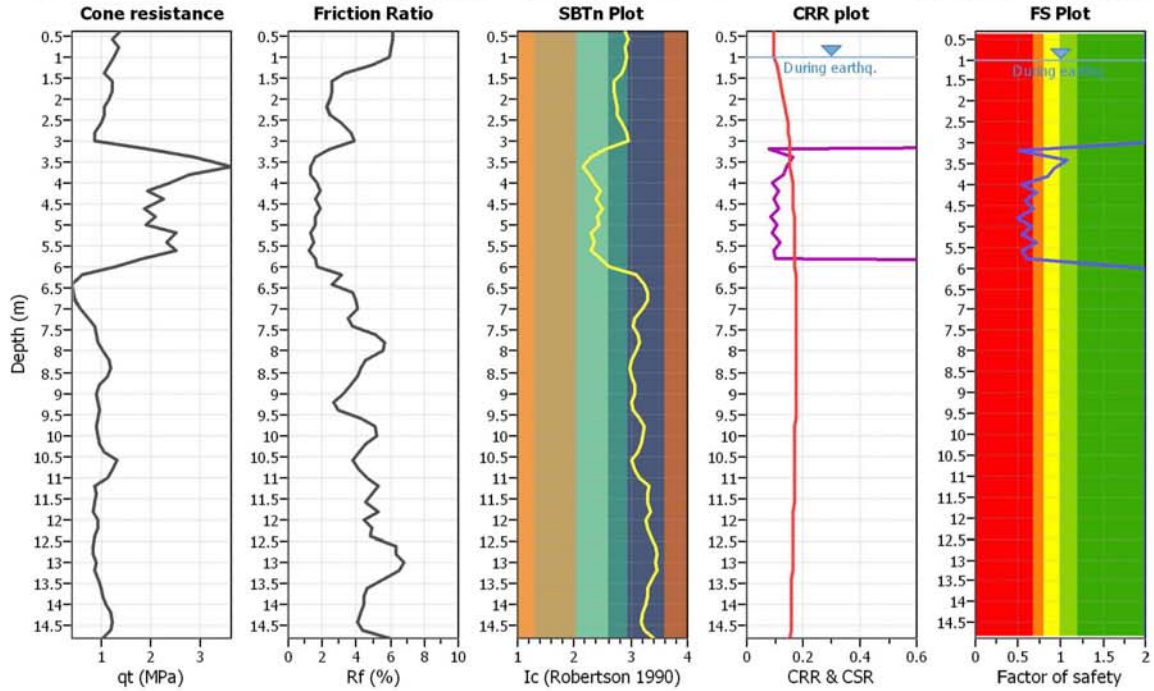
**Project title :**

**Location :**

**CPT file : 185130C156**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

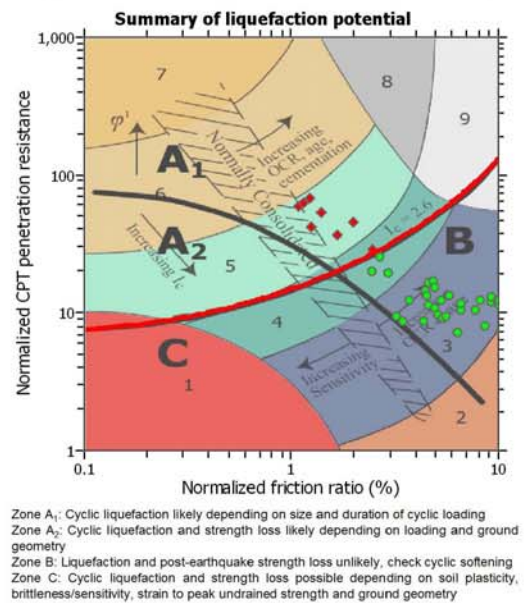
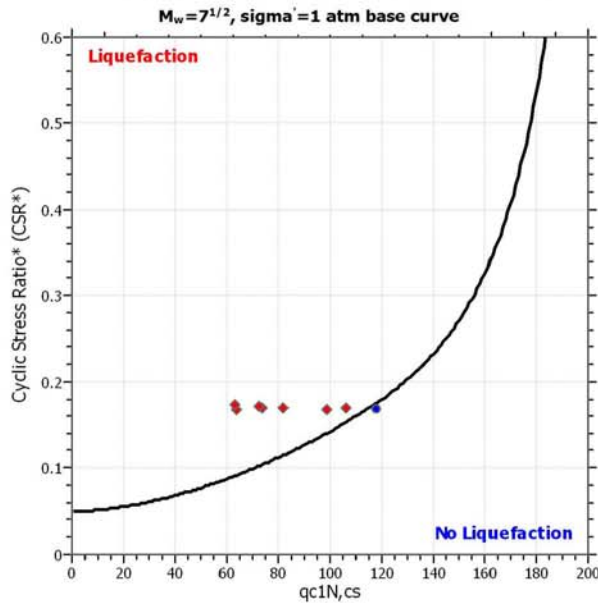
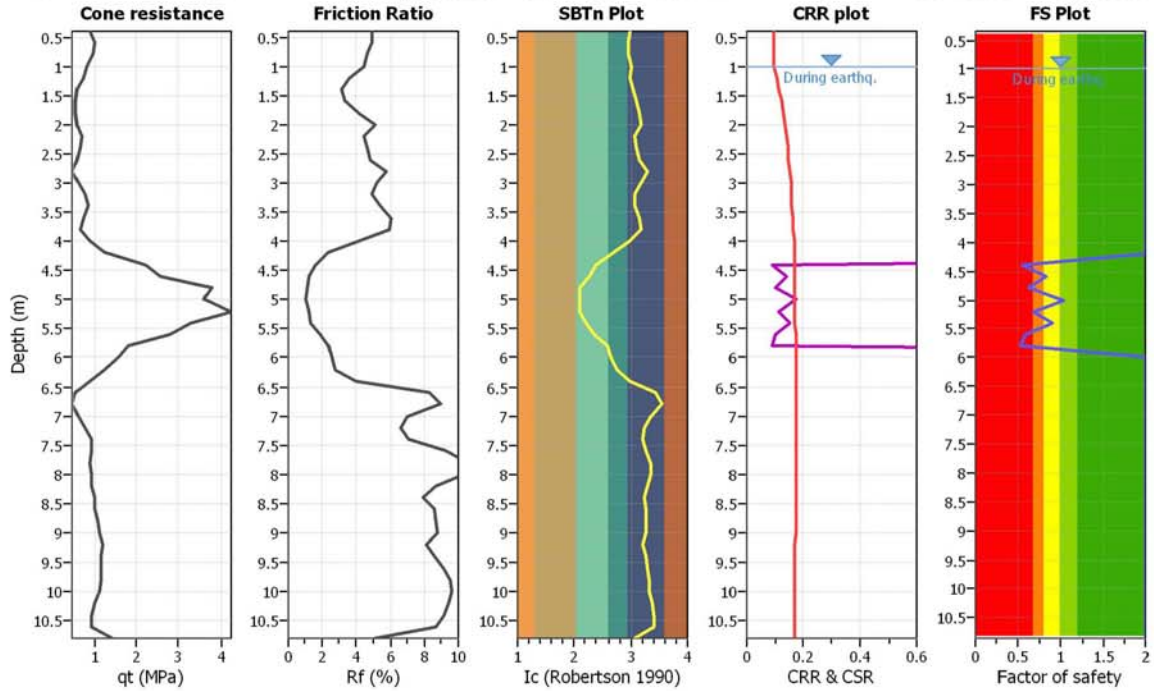
**Project title :**

**Location :**

**CPT file : 185130C157**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

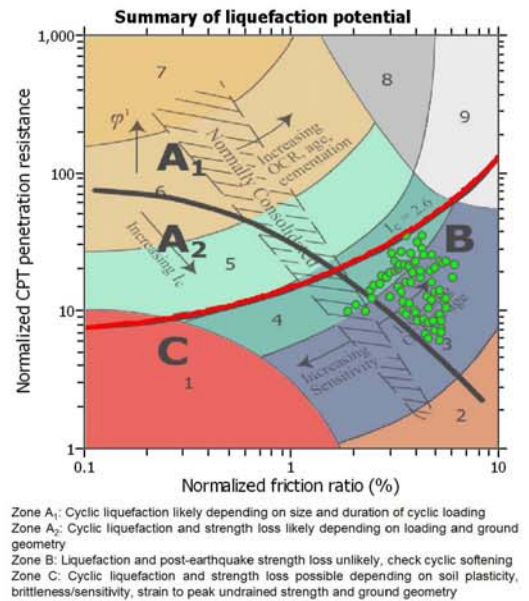
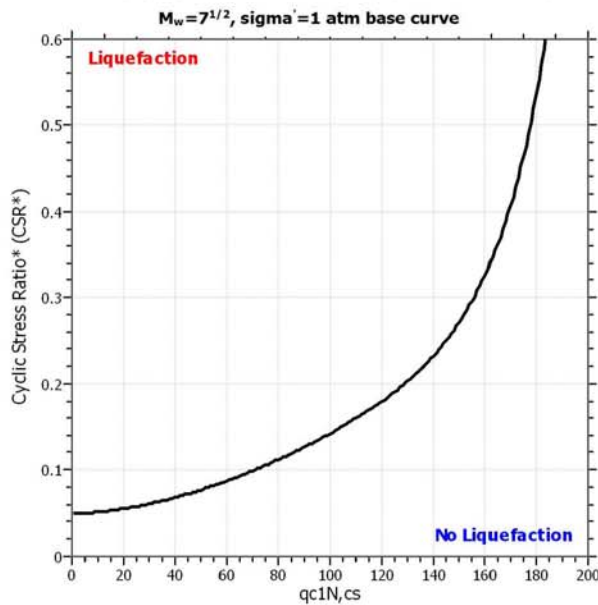
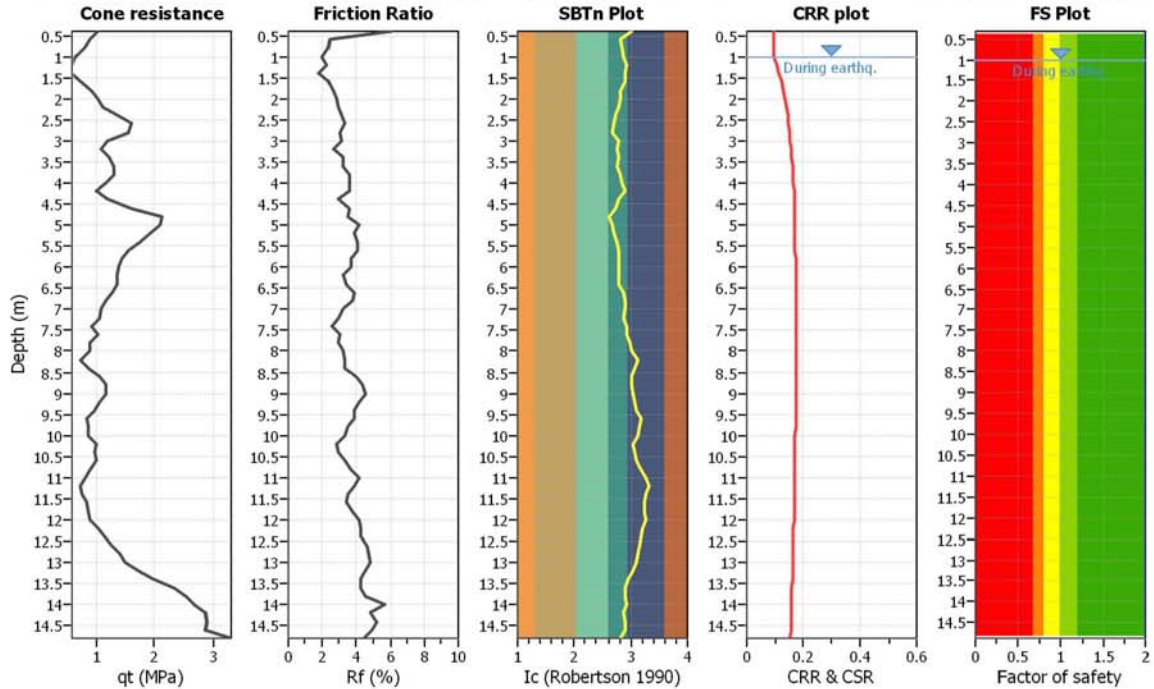
**Project title :**

**Location :**

**CPT file : 185130C158**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

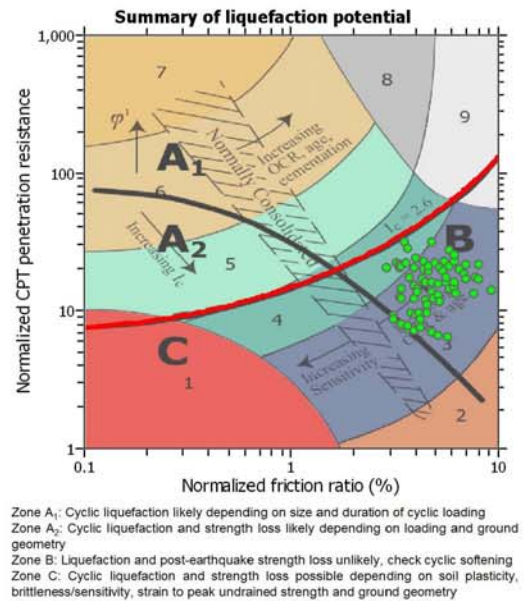
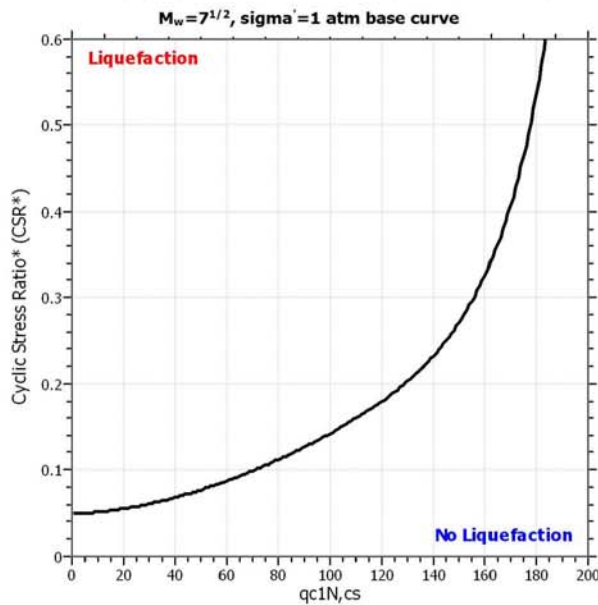
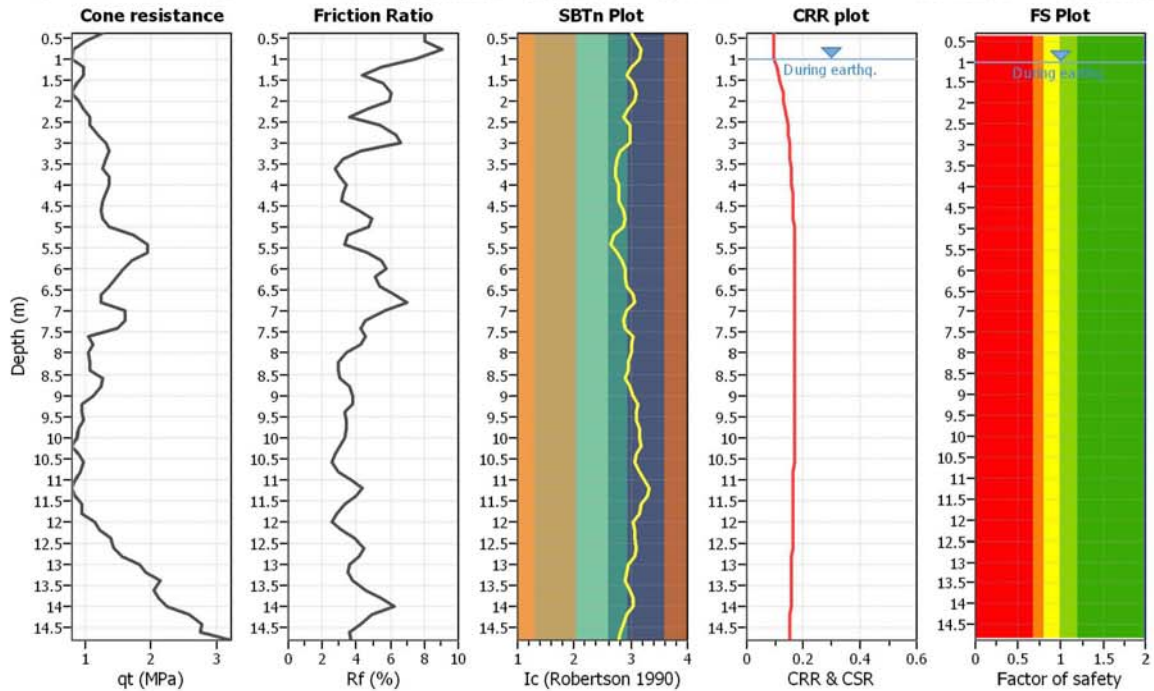
**Project title :**

**Location :**

**CPT file : 185130C159**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

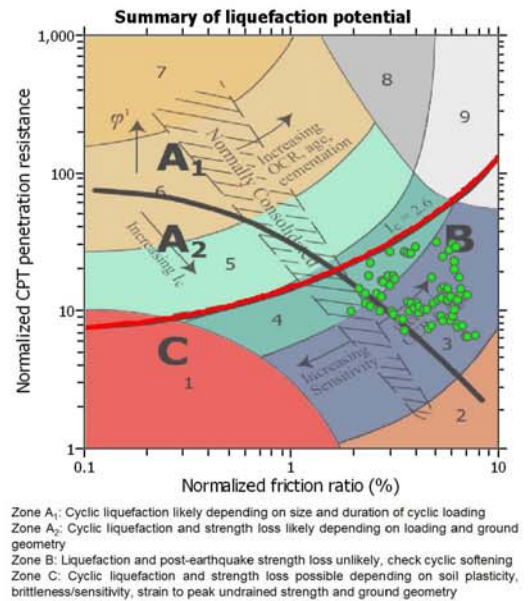
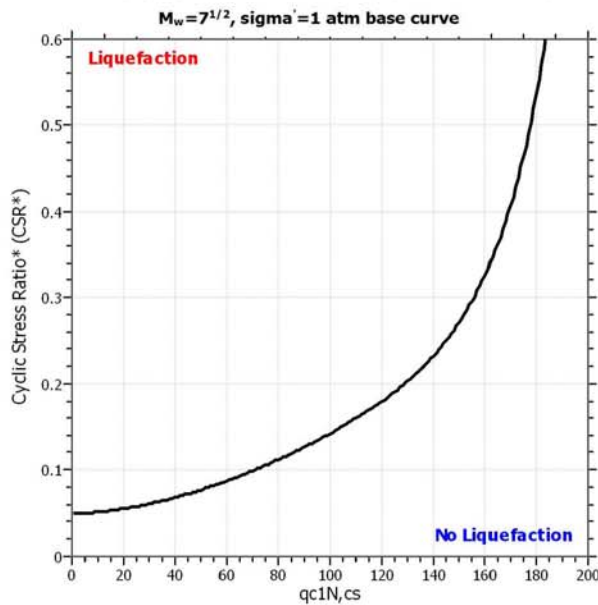
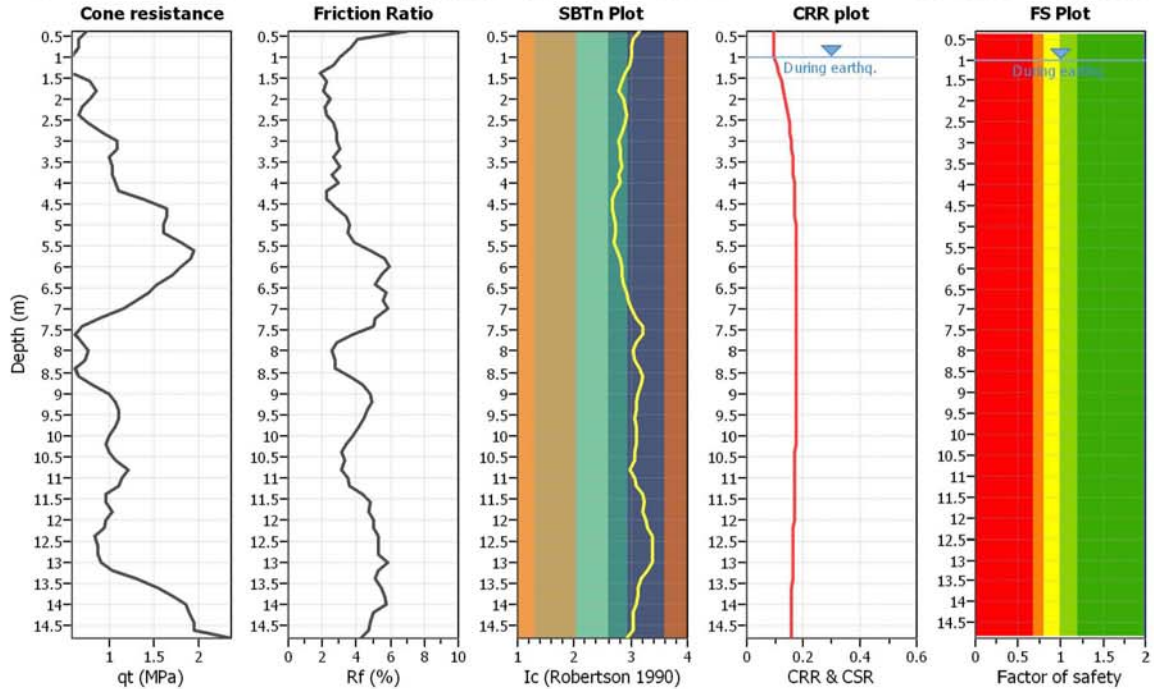
**Project title :**

**Location :**

**CPT file : 185130C160**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

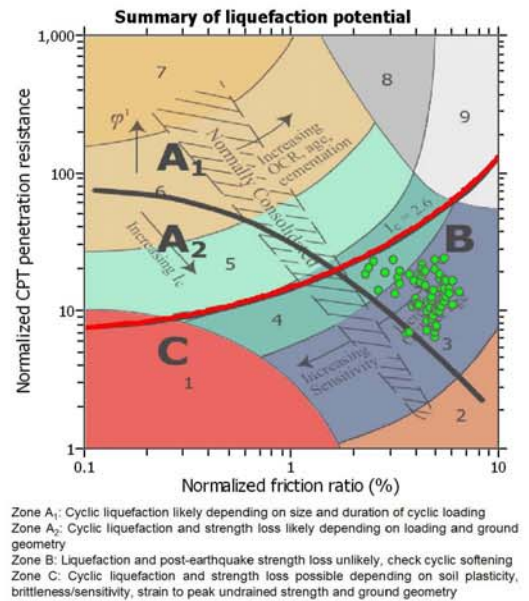
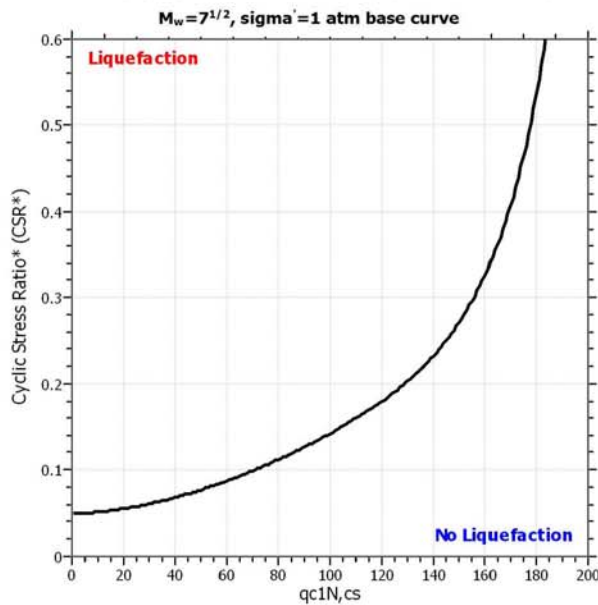
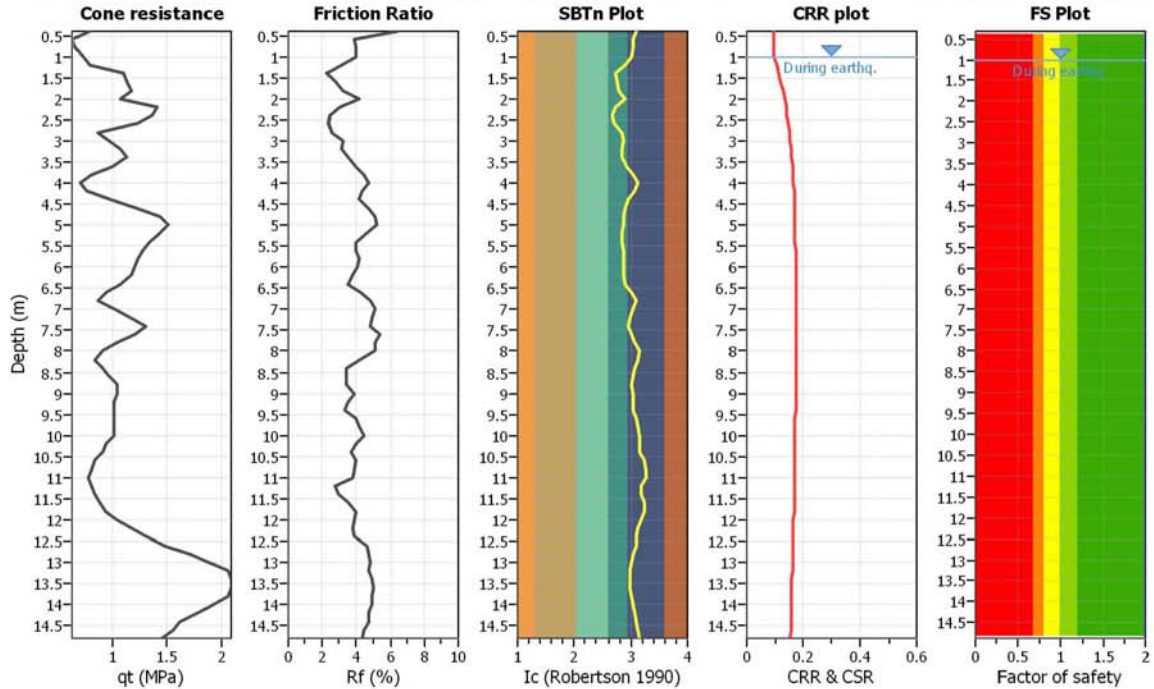
**Project title :**

**Location :**

**CPT file : 185130C161**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

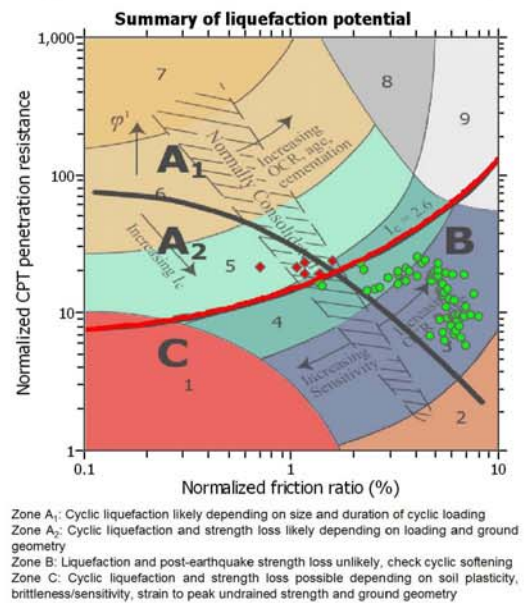
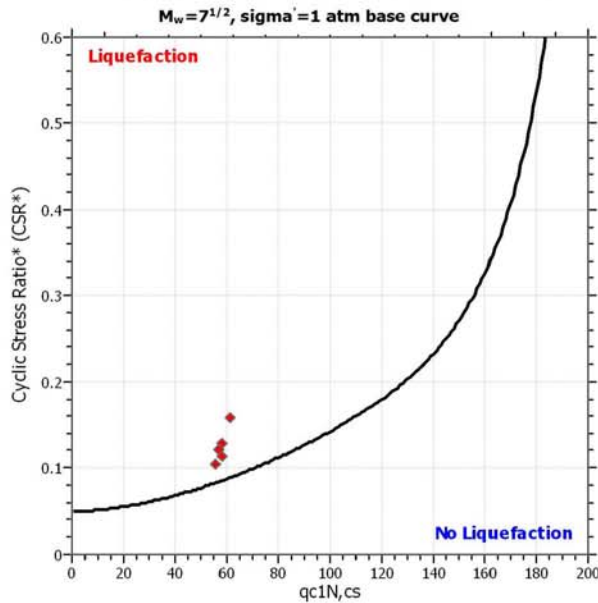
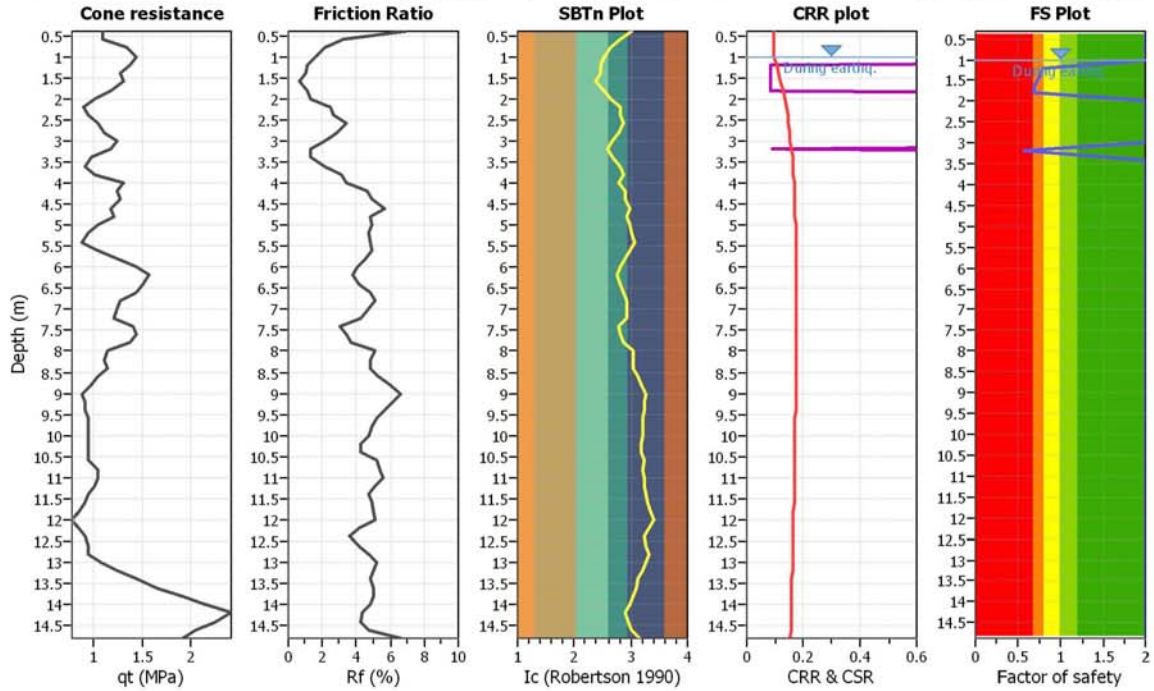
**Project title :**

**Location :**

**CPT file : 185130C162**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

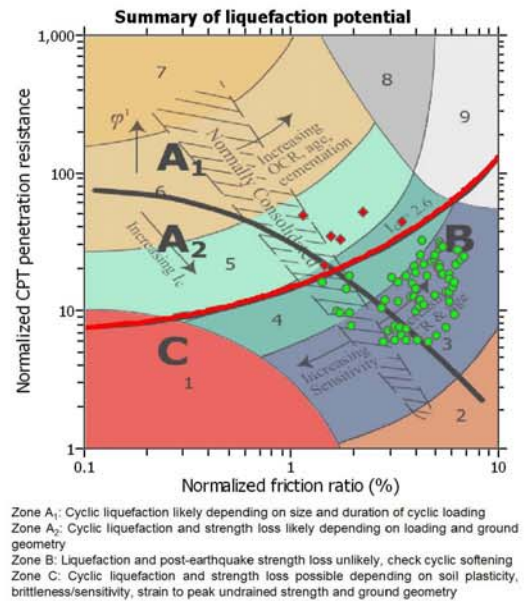
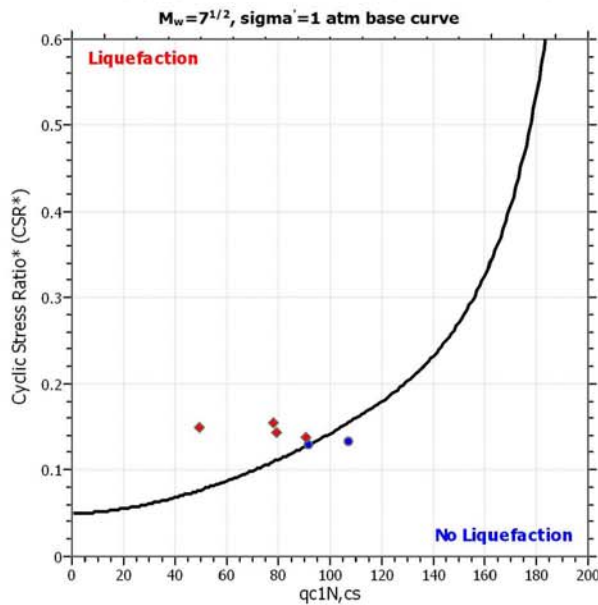
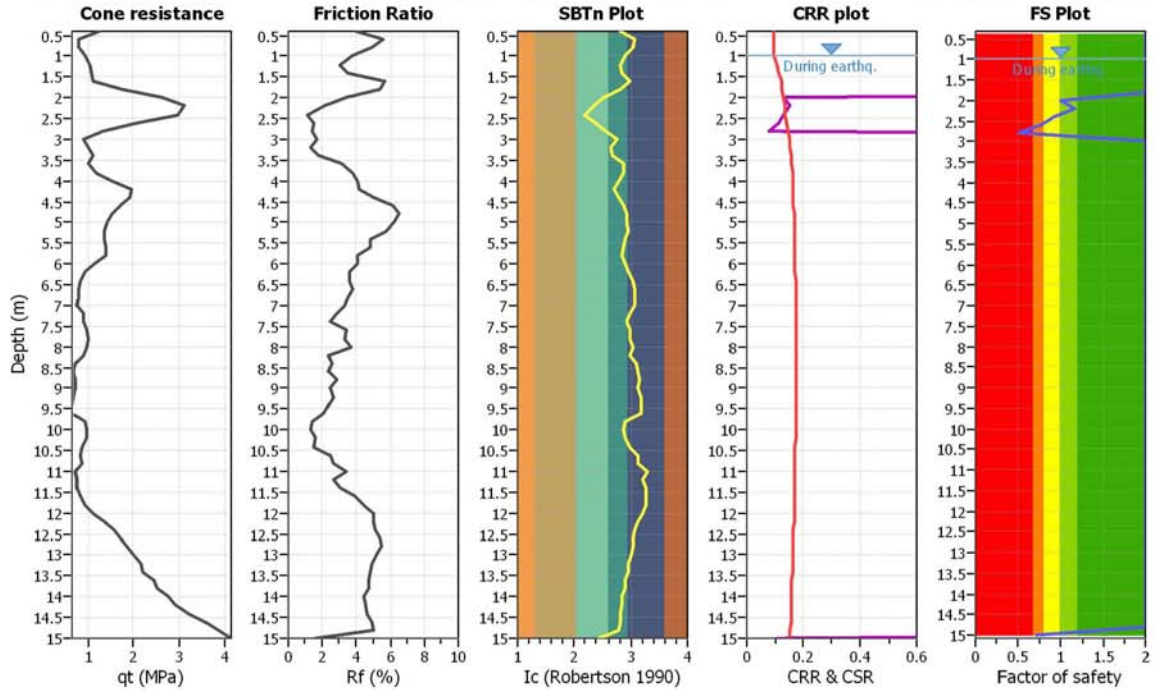
**Project title :**

**Location :**

**CPT file : 185130C163**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

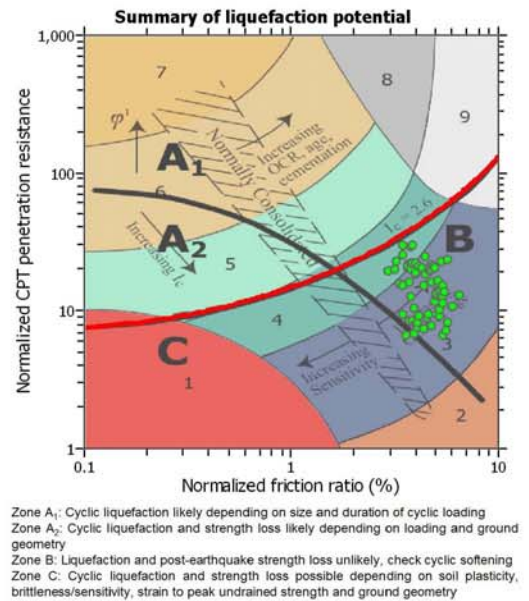
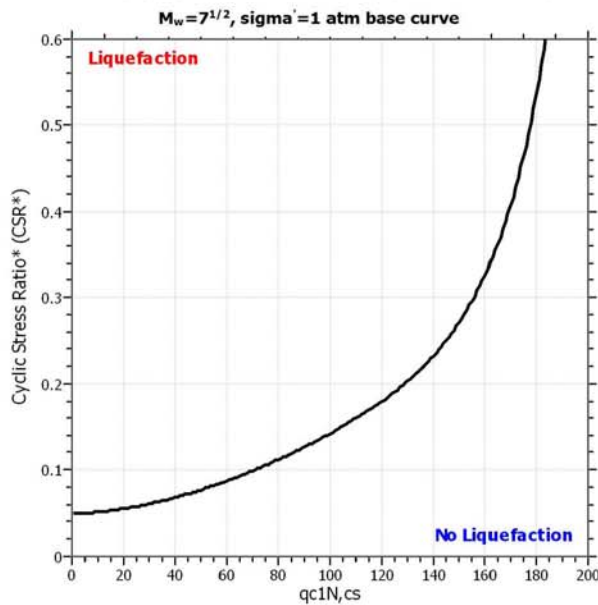
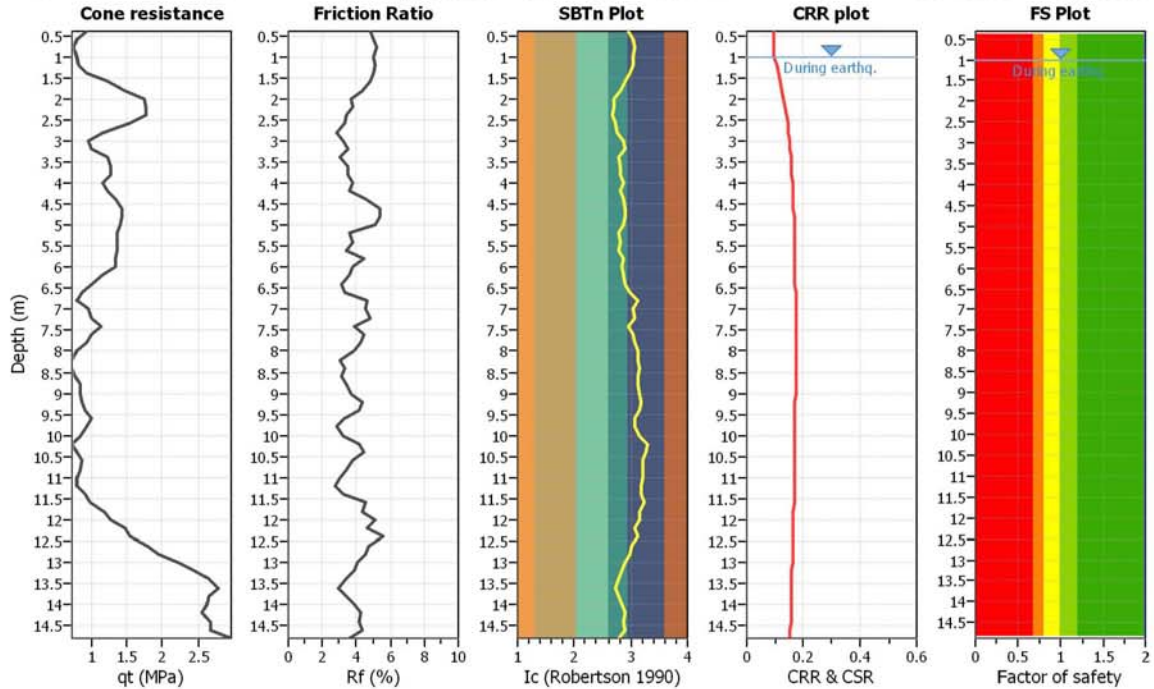
**Project title :**

**Location :**

**CPT file : 185130C164**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

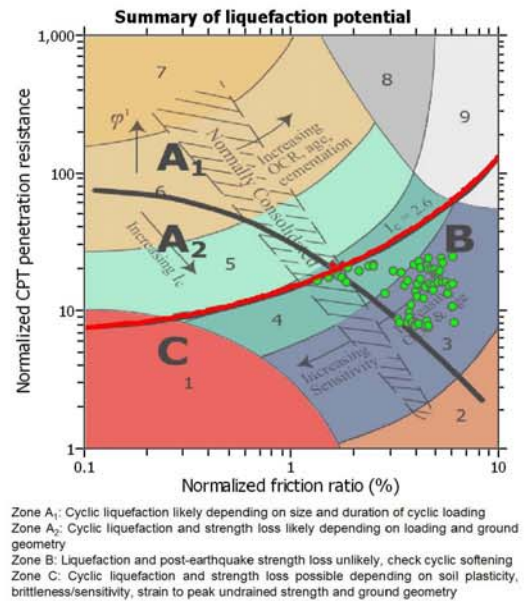
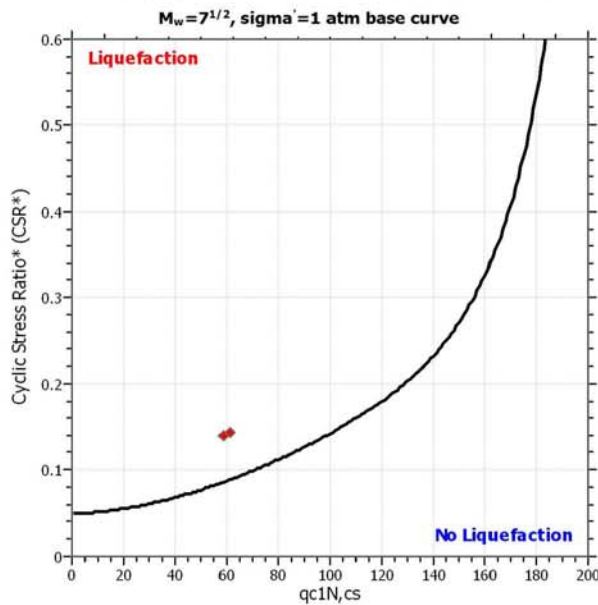
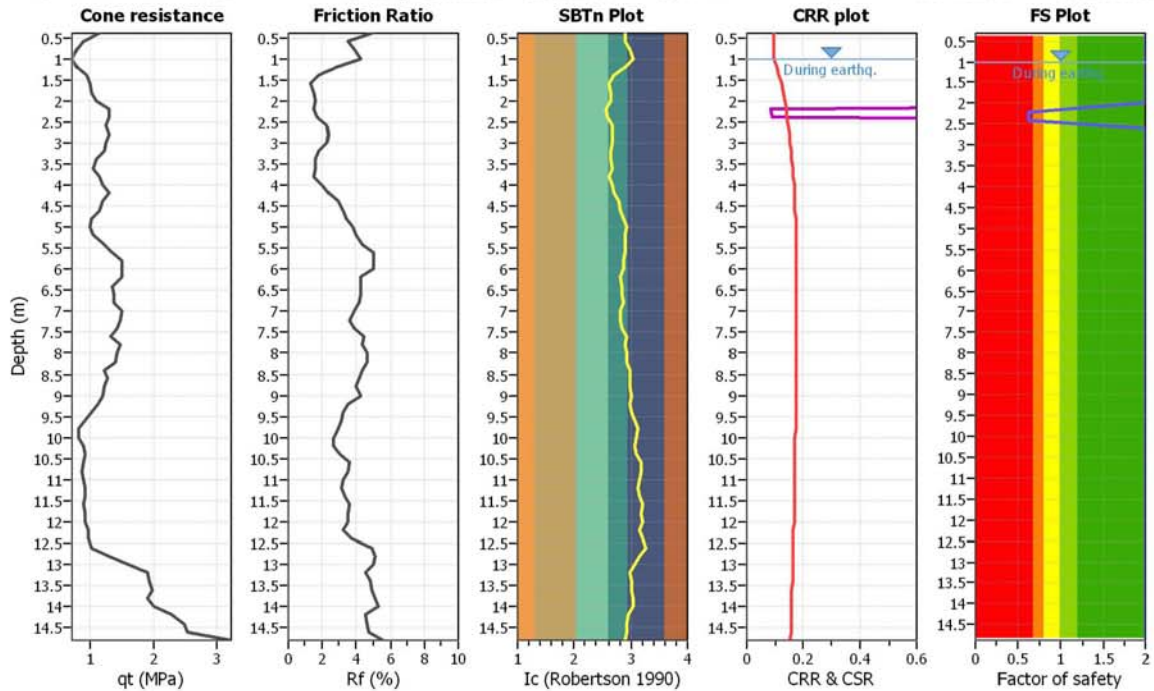
**Project title :**

**Location :**

**CPT file : 185130C165**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

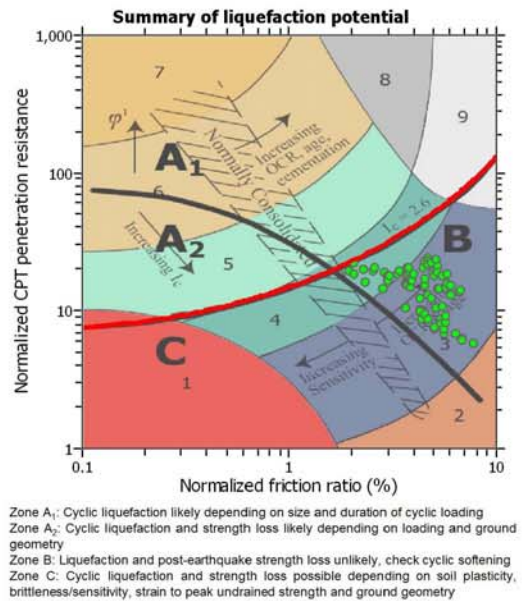
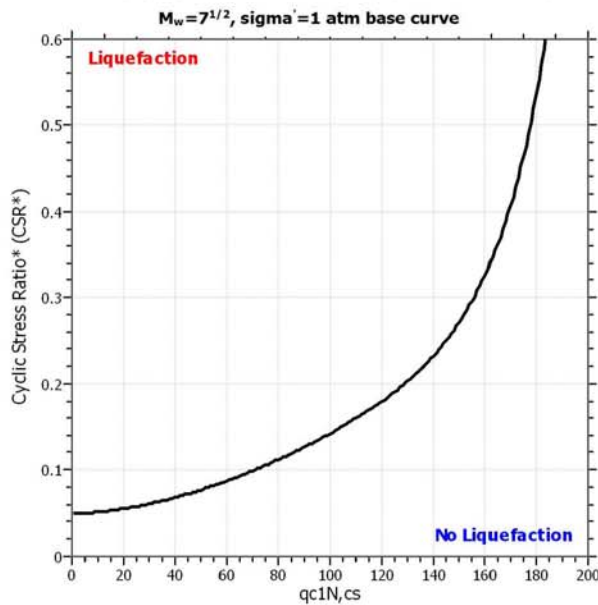
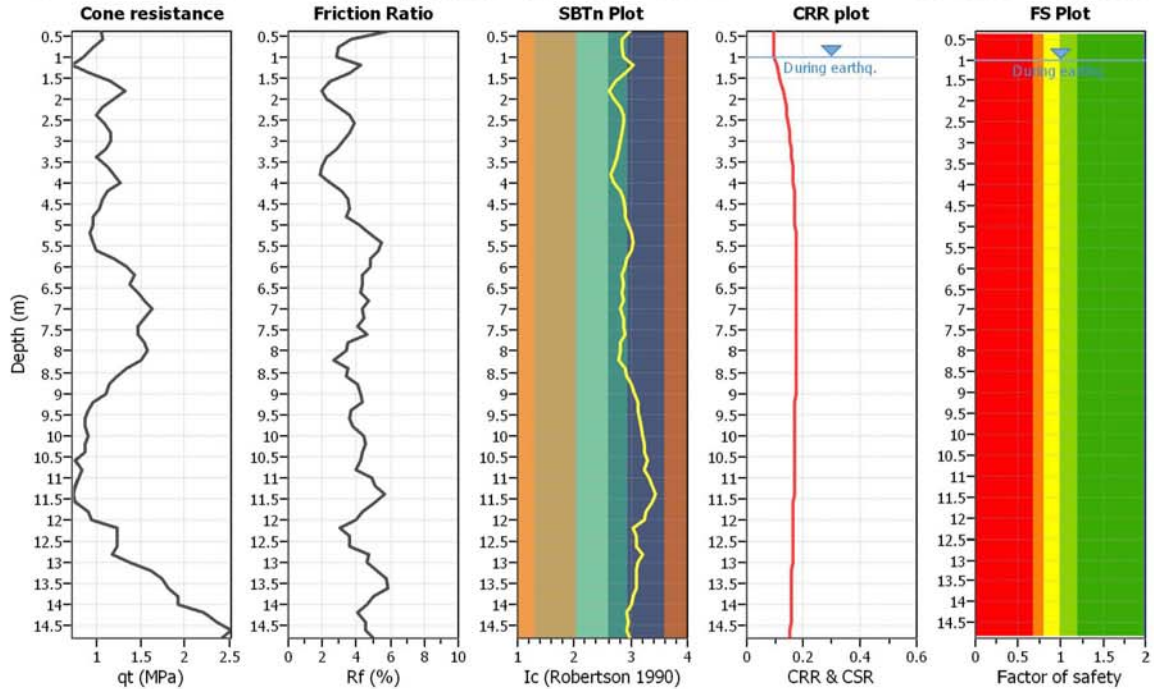
**Project title :**

**Location :**

**CPT file : 185130C166**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

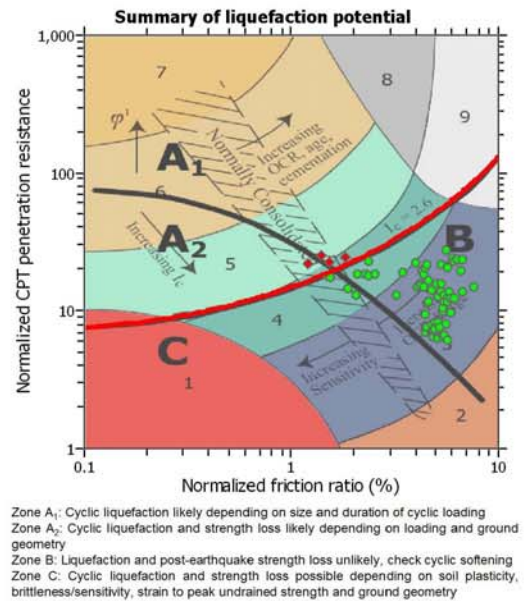
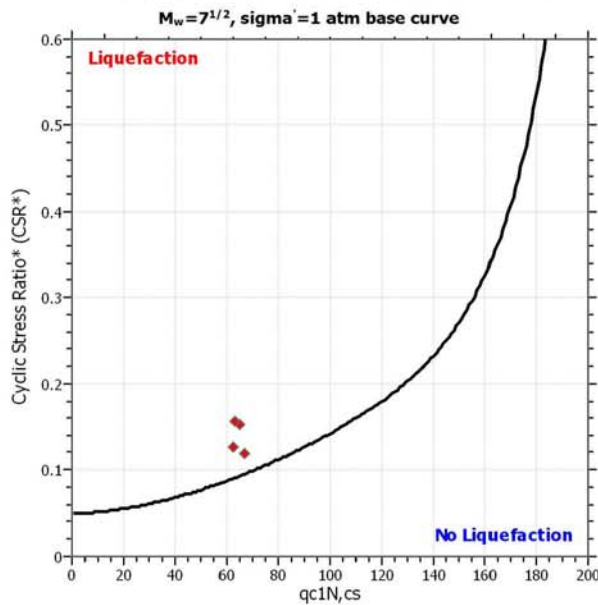
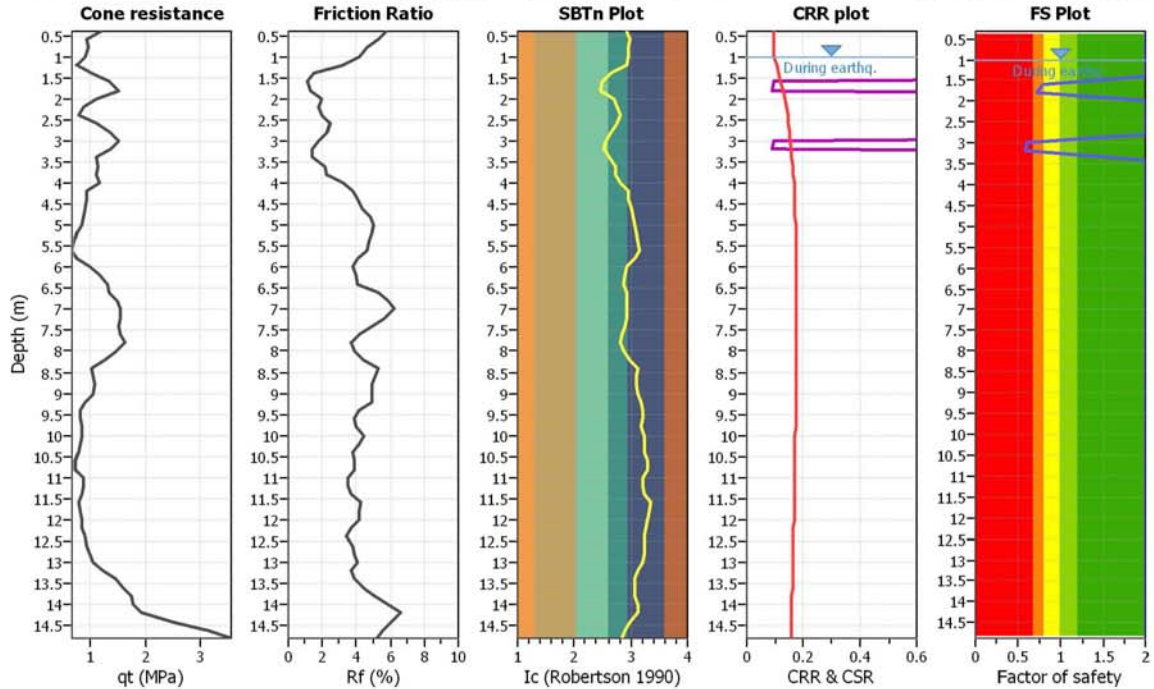
**Project title :**

**Location :**

**CPT file : 185130C167**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

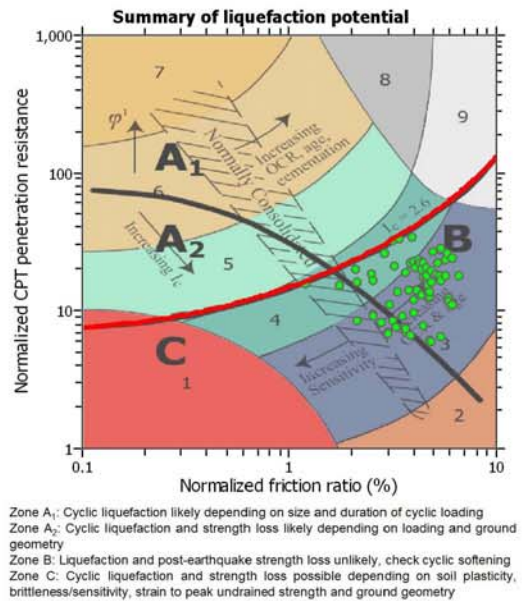
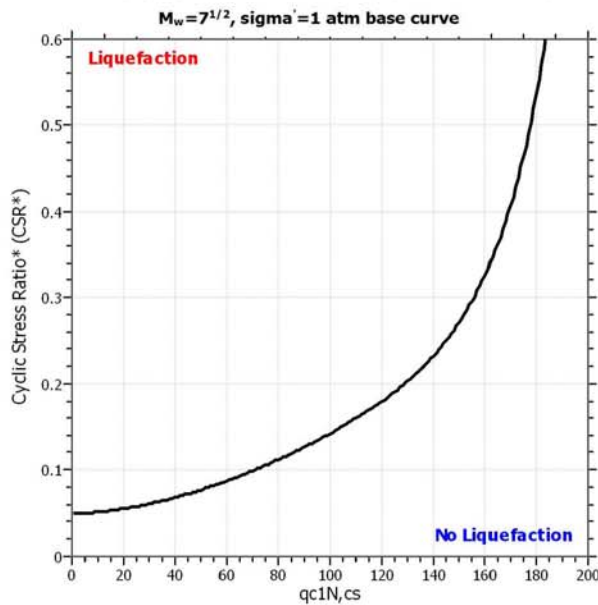
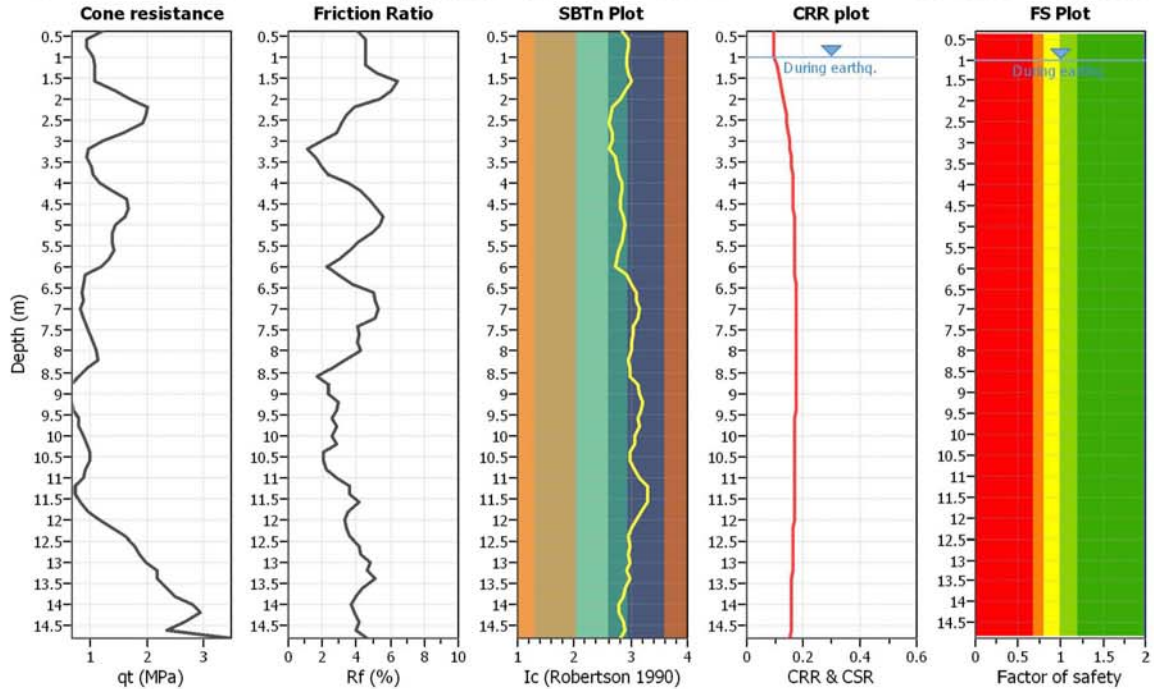
**Project title :**

**Location :**

**CPT file : 185130C168**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

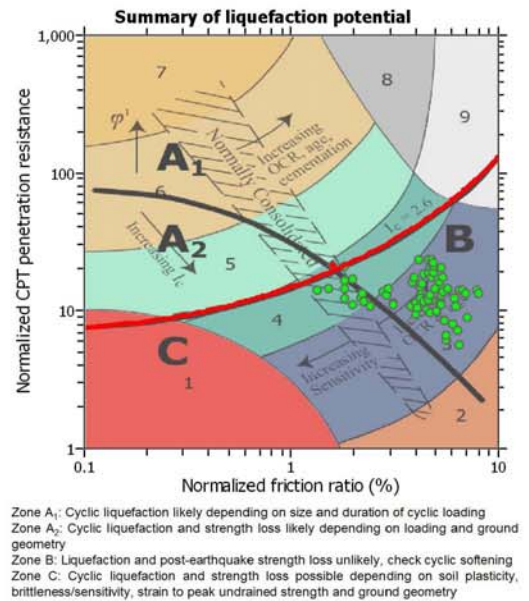
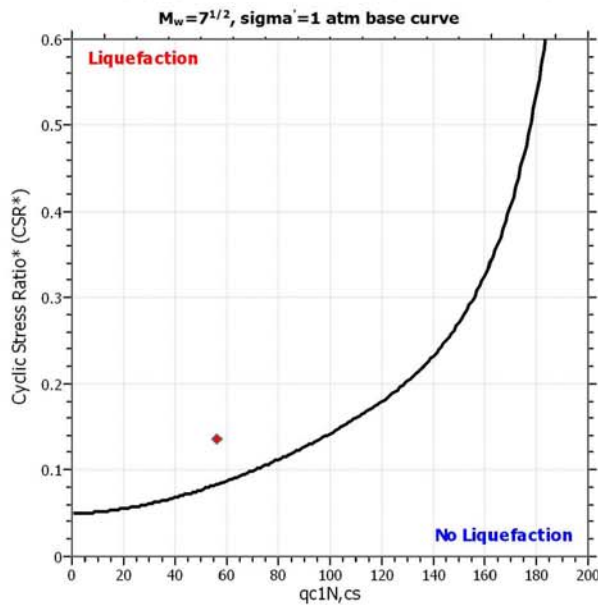
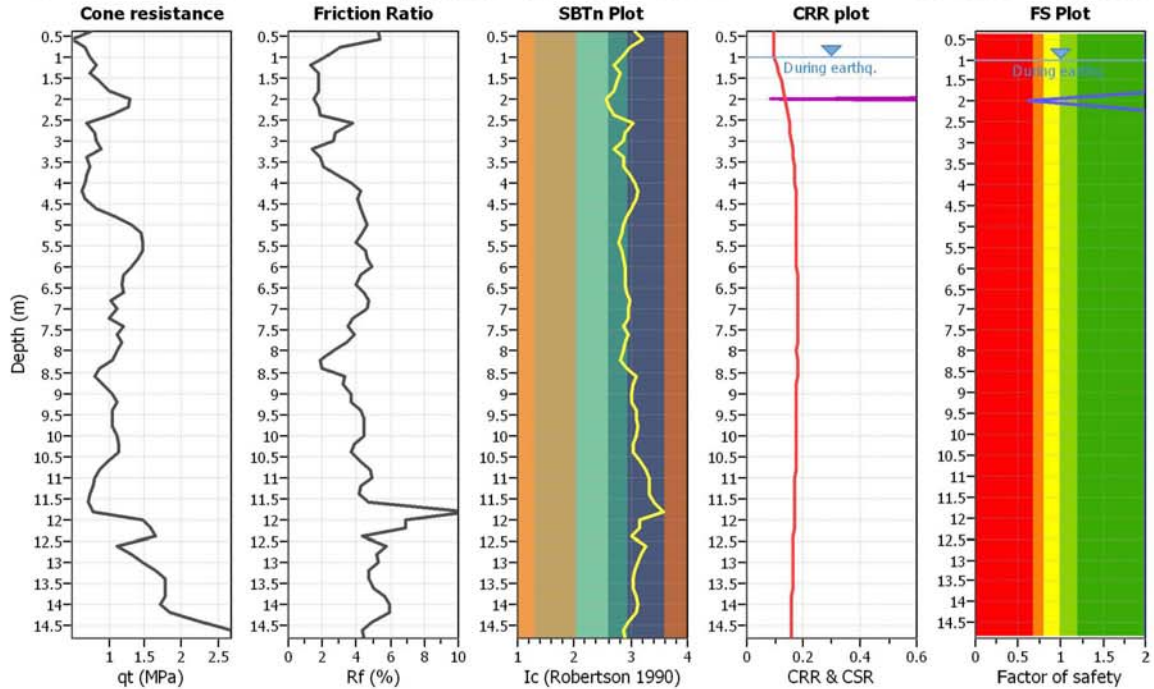
**Project title :**

**Location :**

**CPT file : 185130C169**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

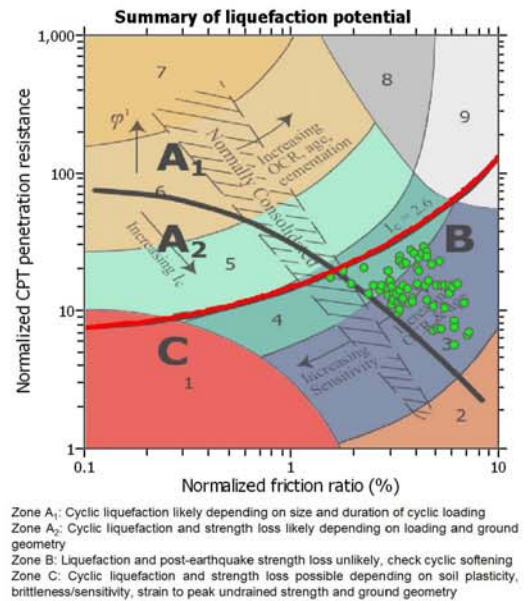
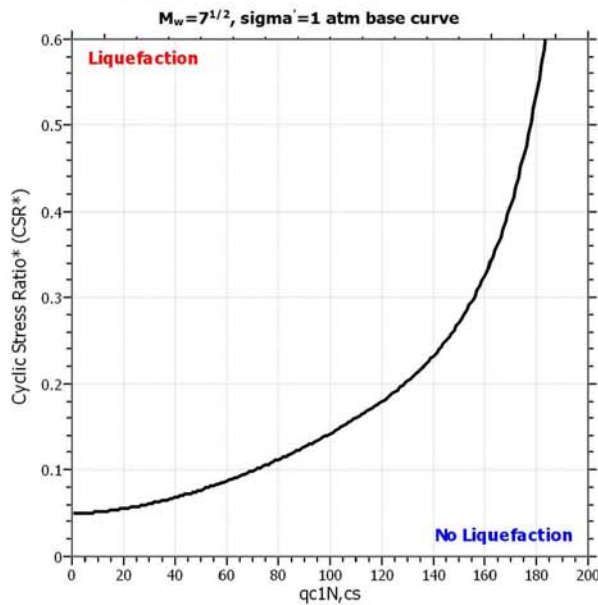
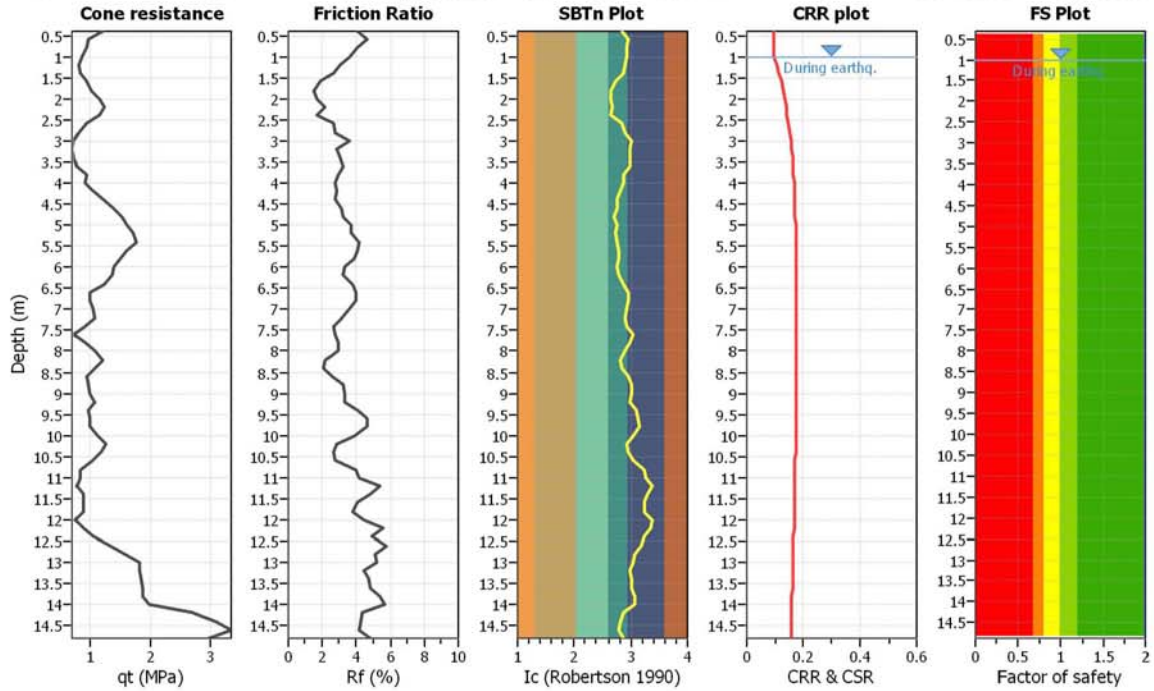
**Project title :**

**Location :**

**CPT file : 185130C170**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

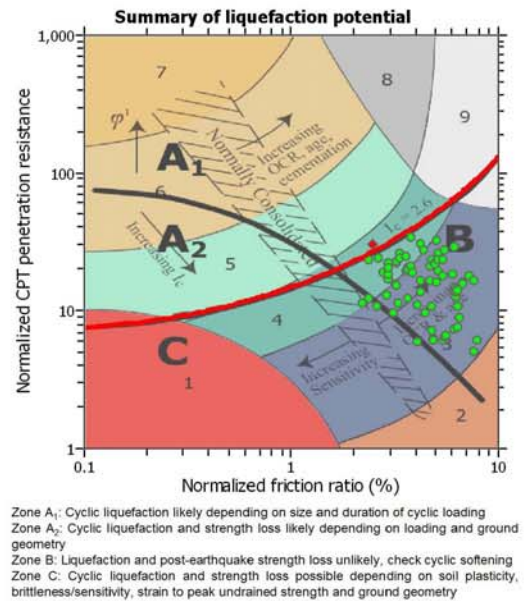
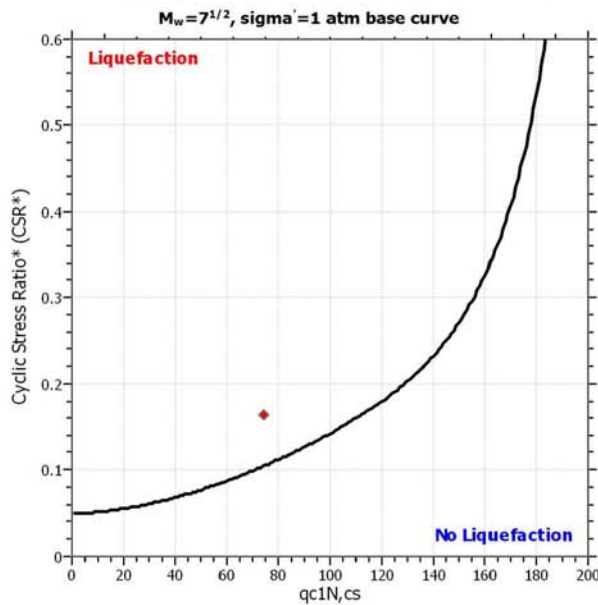
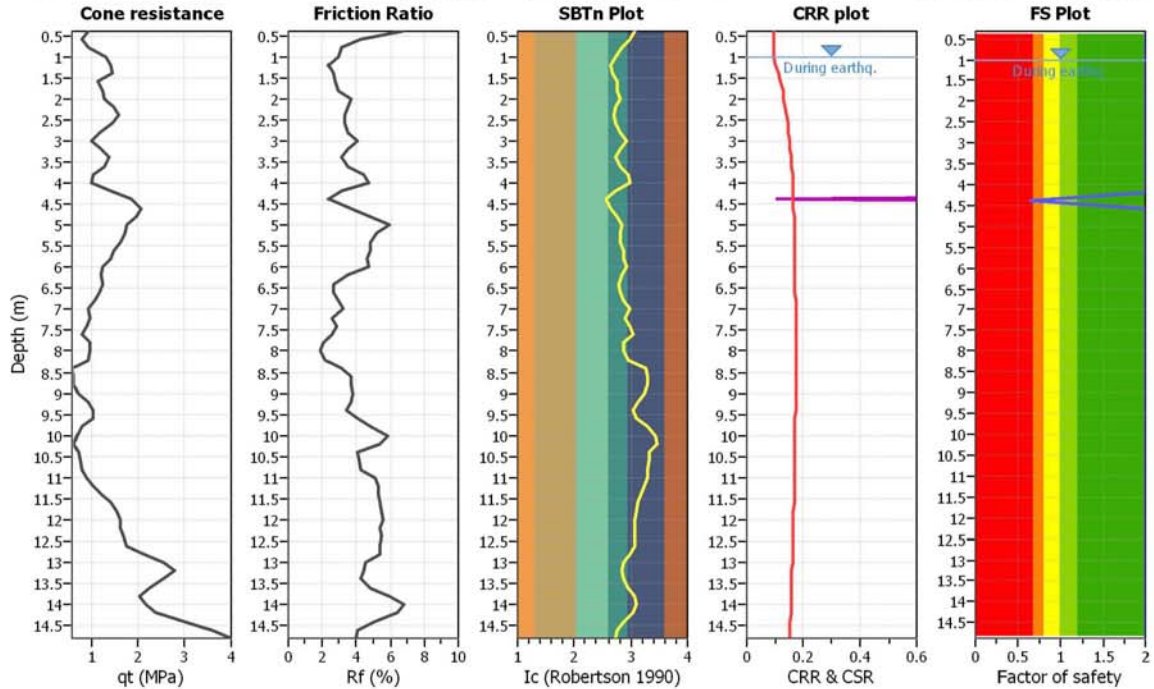
**Project title :**

**Location :**

**CPT file : 185130C171**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

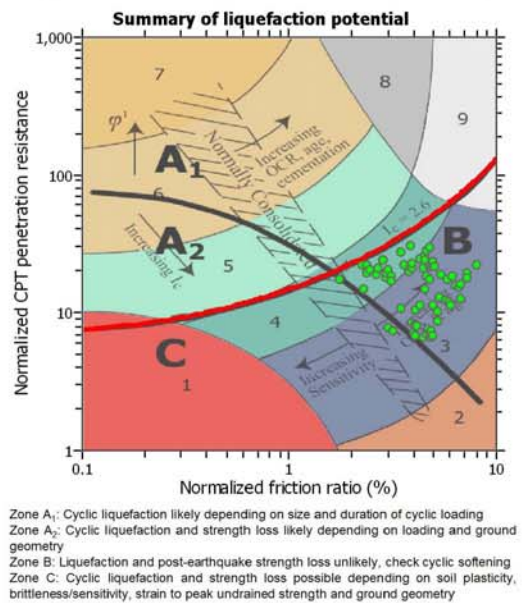
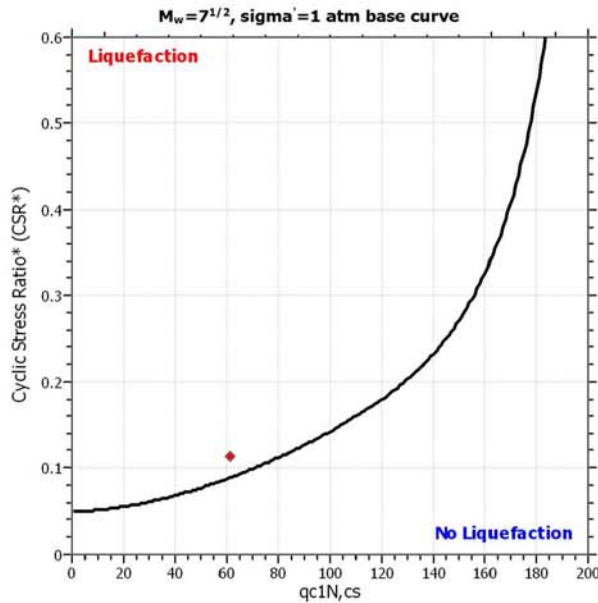
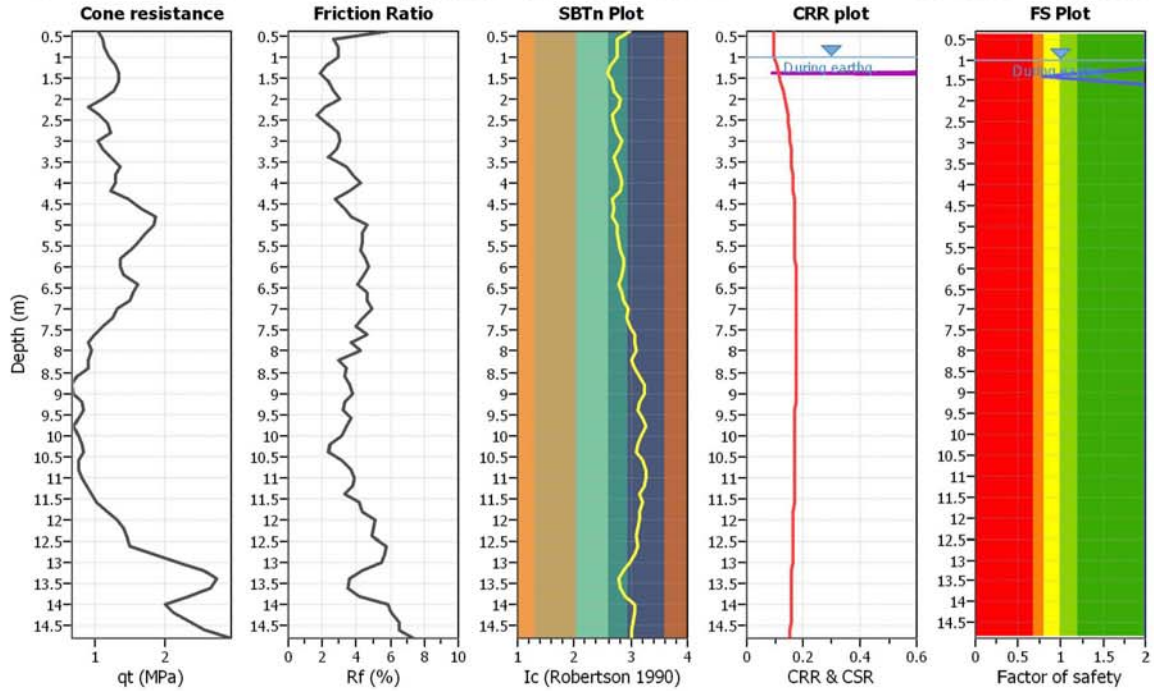
**Project title :**

**Location :**

**CPT file : 185130C172**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

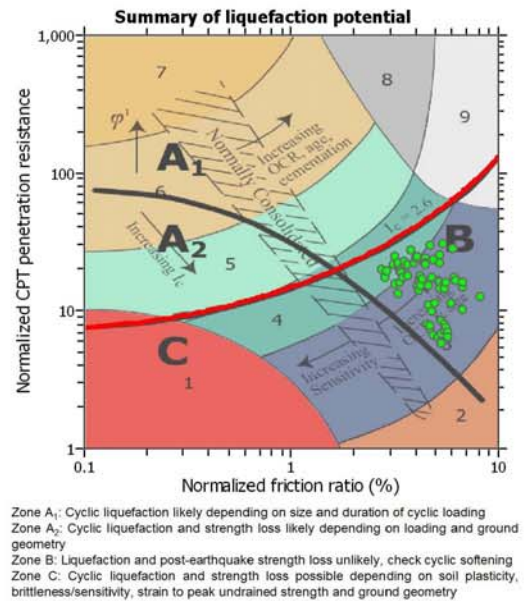
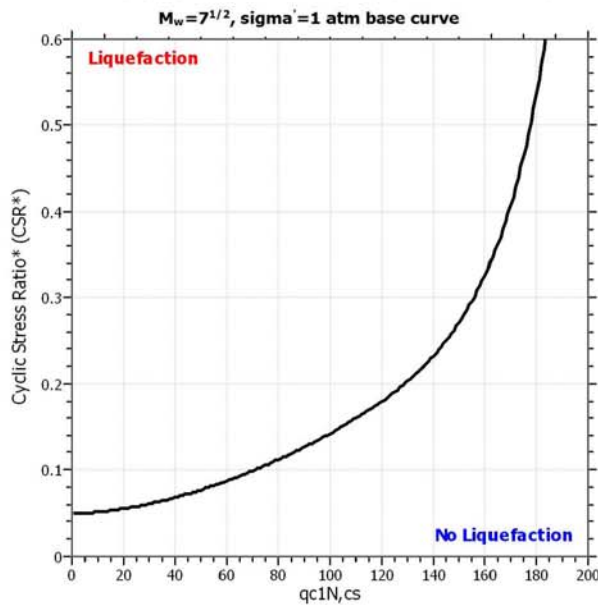
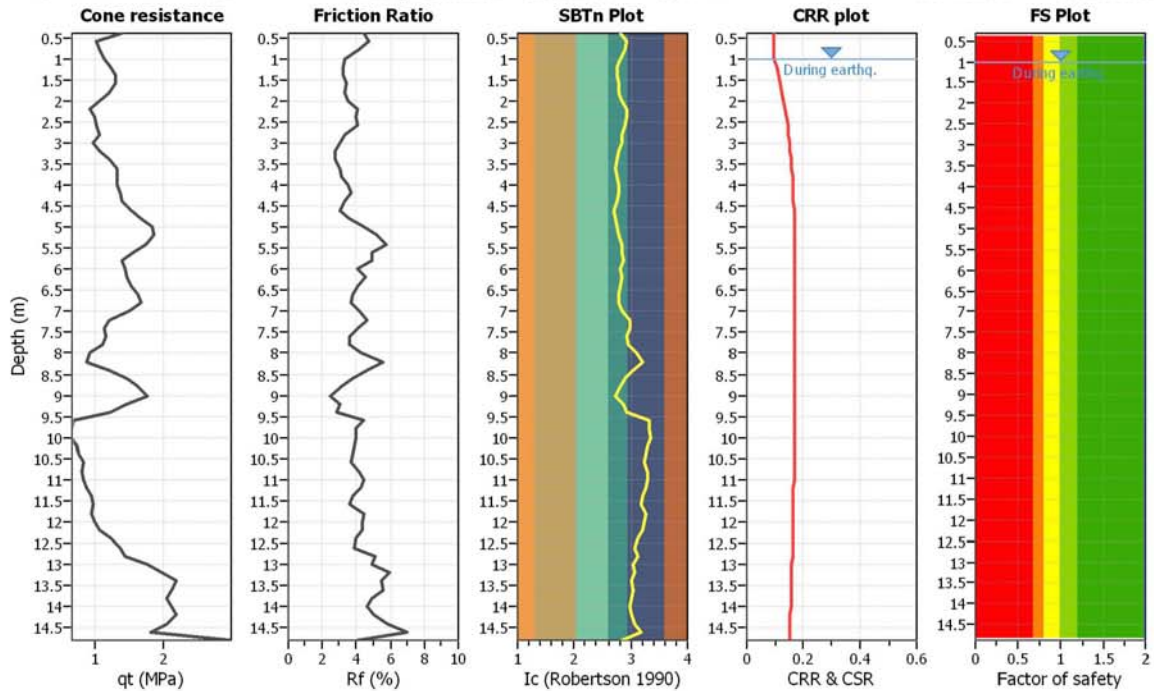
**Project title :**

**Location :**

**CPT file : 185130C173**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

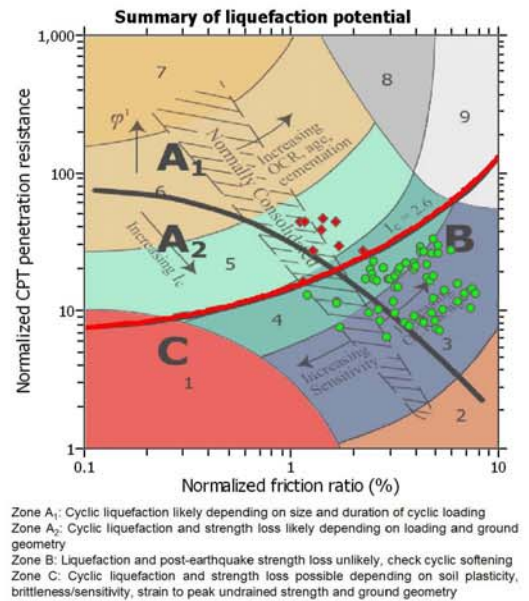
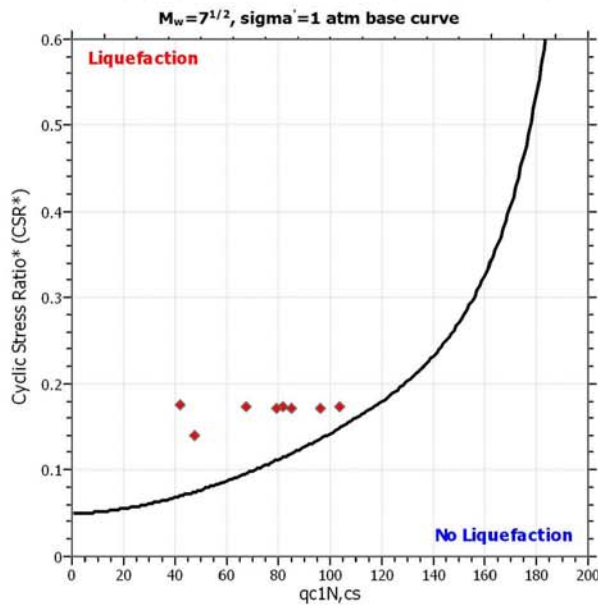
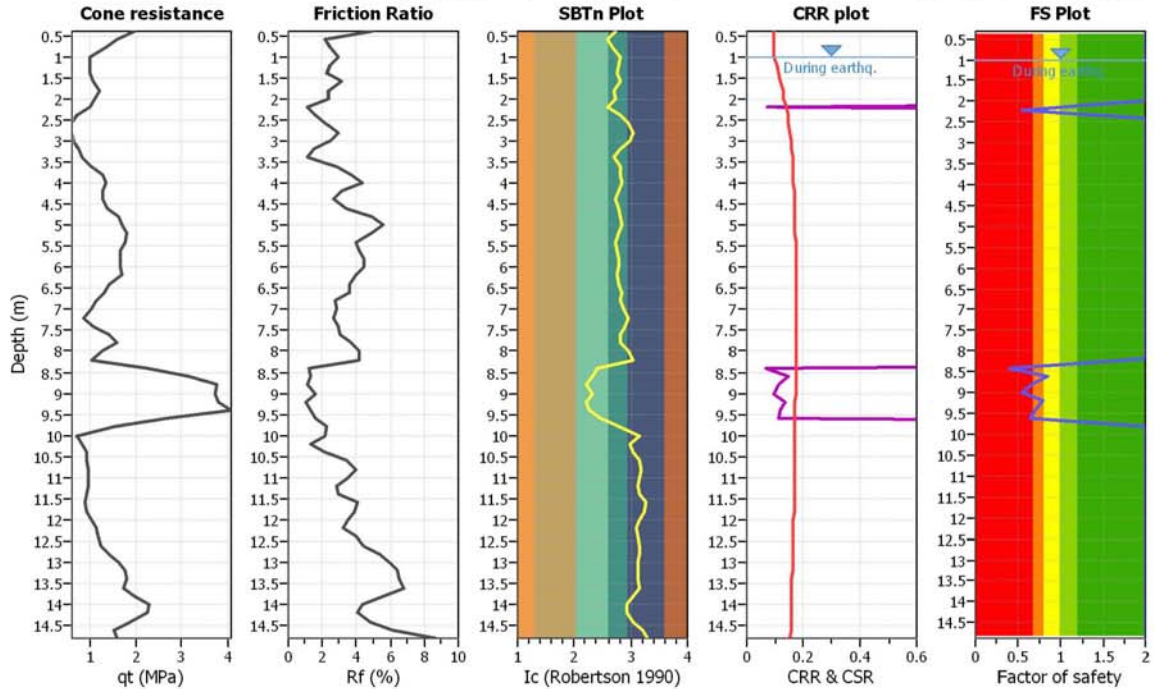
**Project title :**

**Location :**

**CPT file : 185130C174**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

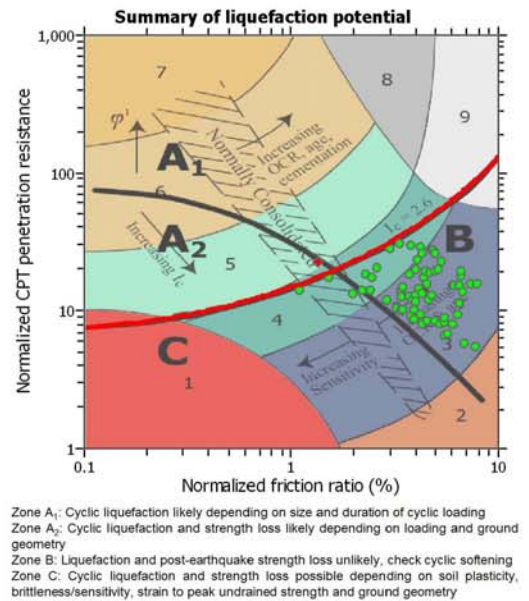
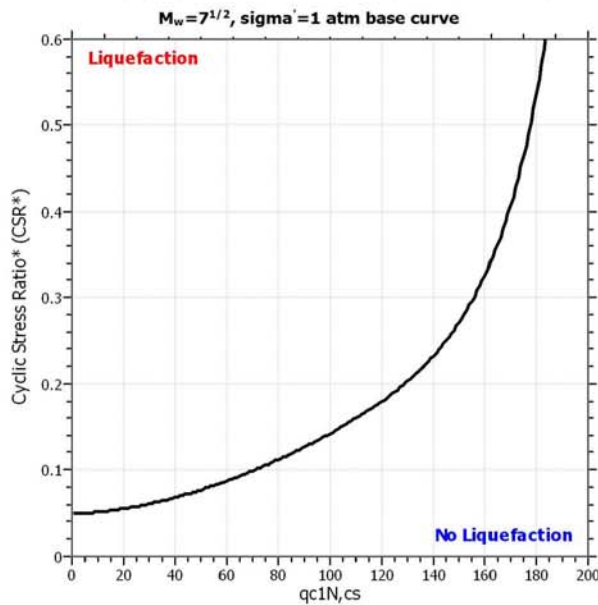
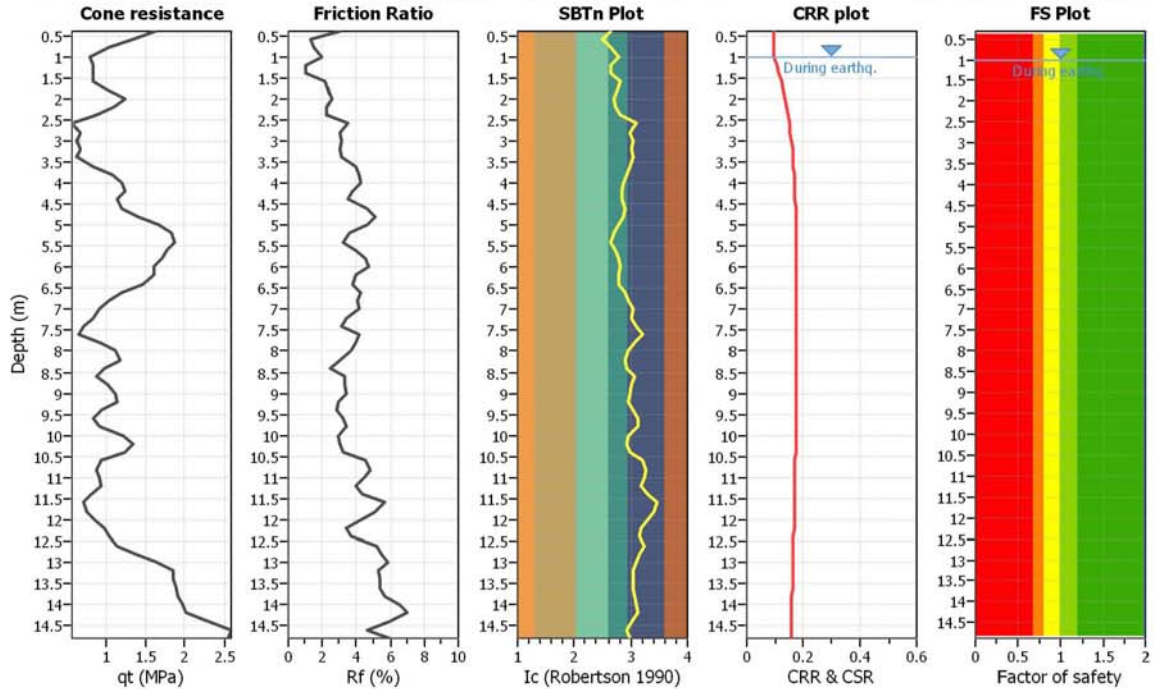
**Project title :**

**Location :**

**CPT file : 185130C175**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

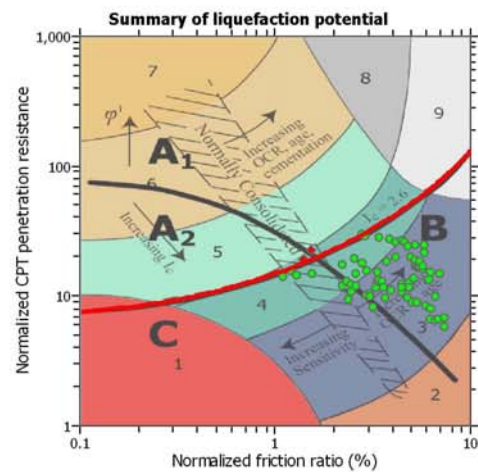
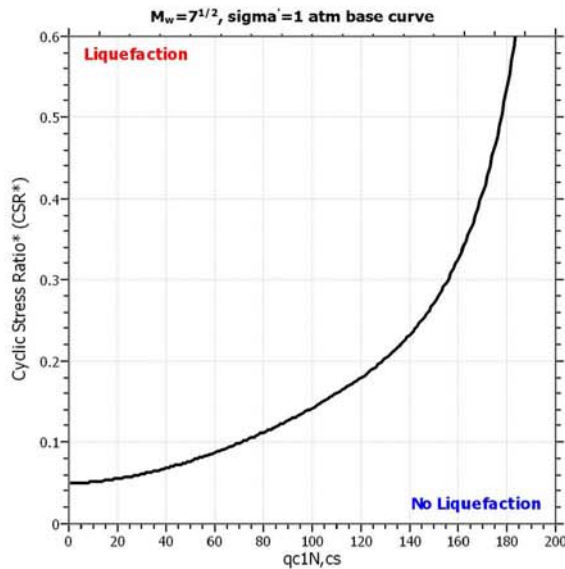
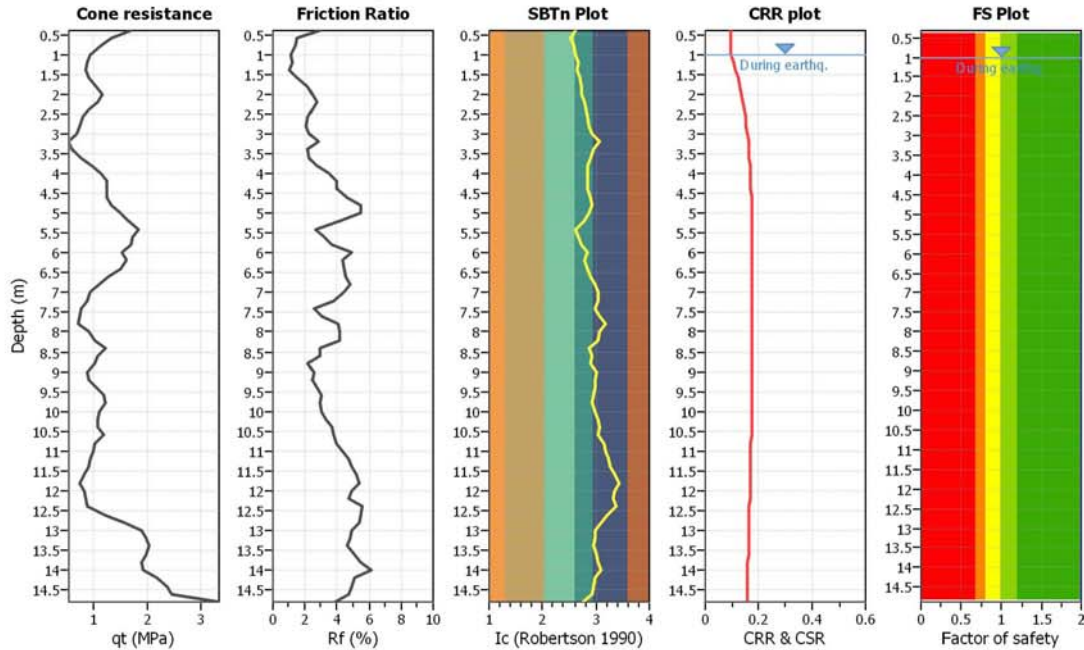
**Project title :**

**Location :**

**CPT file : 185130C176**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior applied:	Sands only
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth:	N/A
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	MSF method:	Method based
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_c$ applied:	Yes		



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

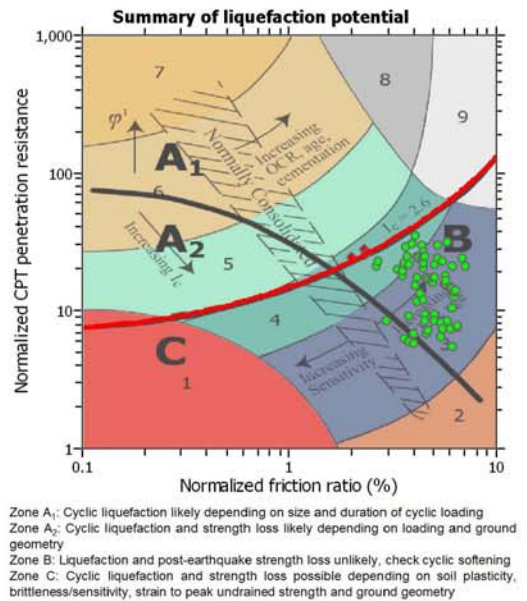
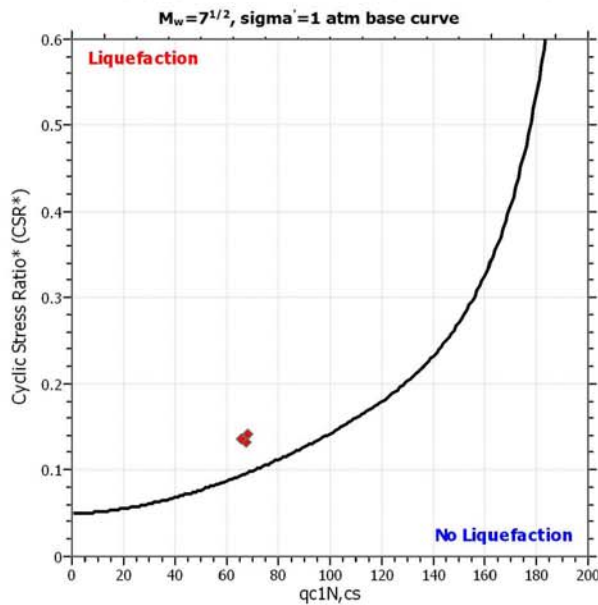
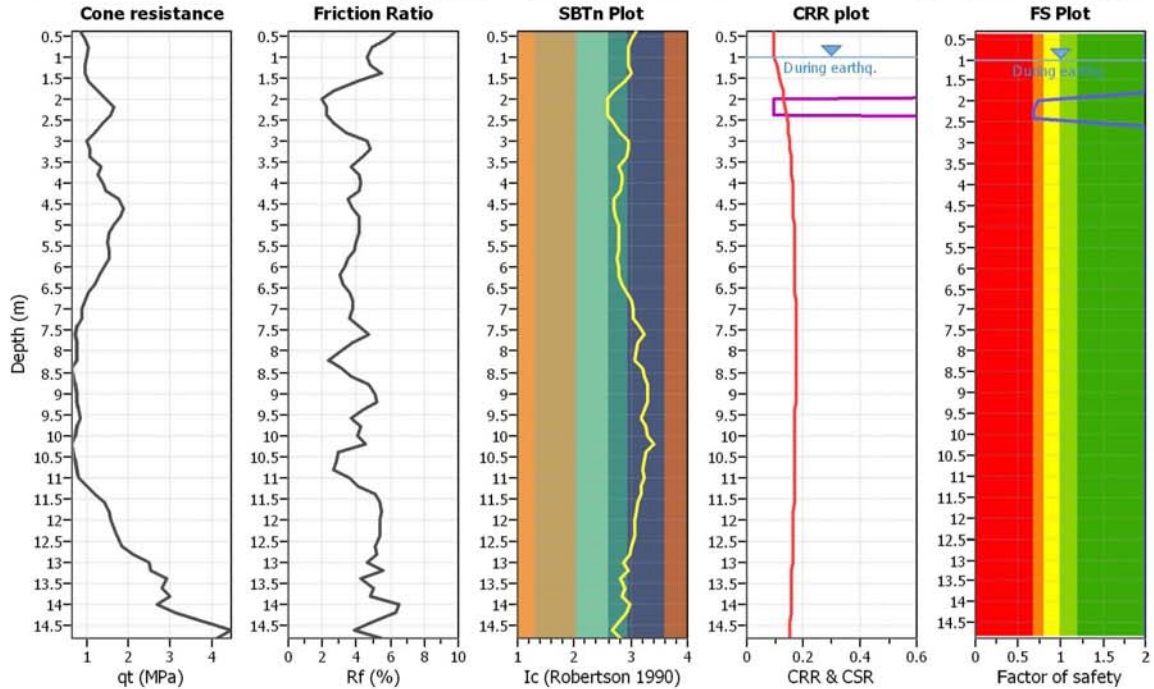
**Project title :**

**Location :**

**CPT file : 185130C177**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

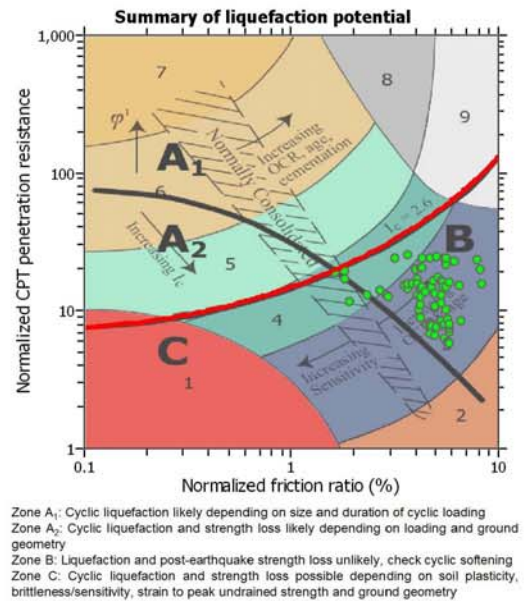
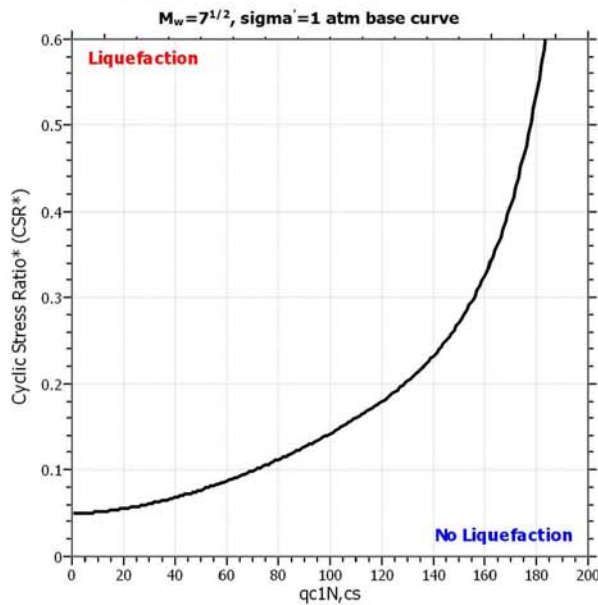
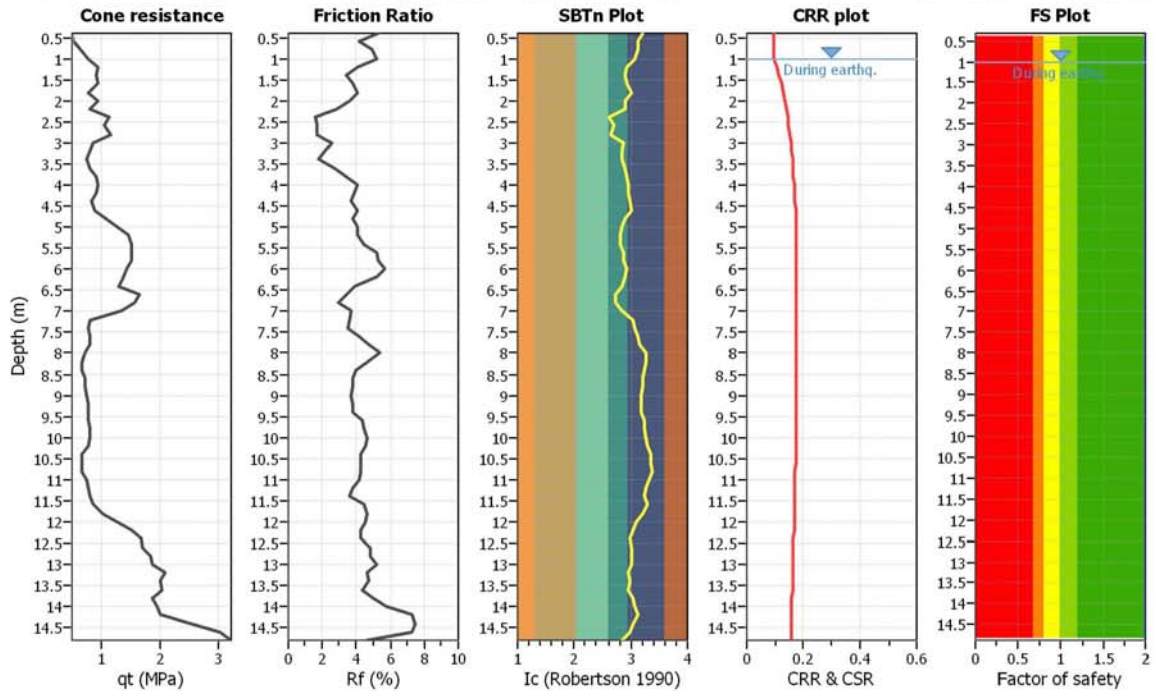
**Project title :**

**Location :**

**CPT file : 185130C178**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

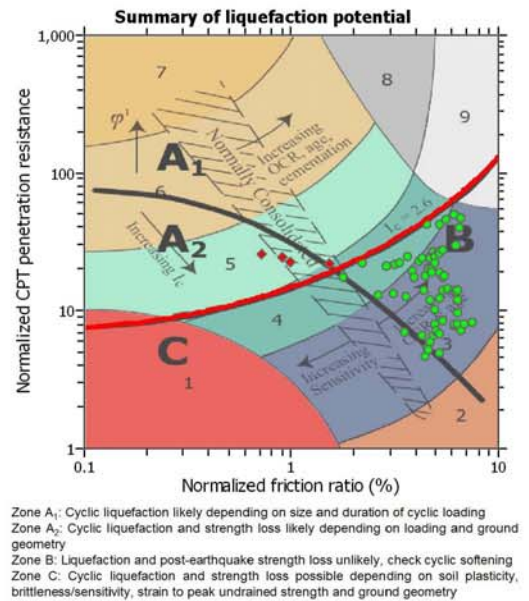
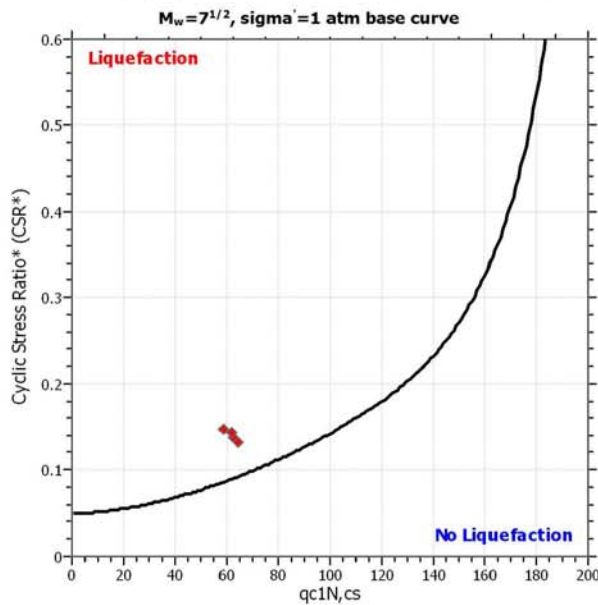
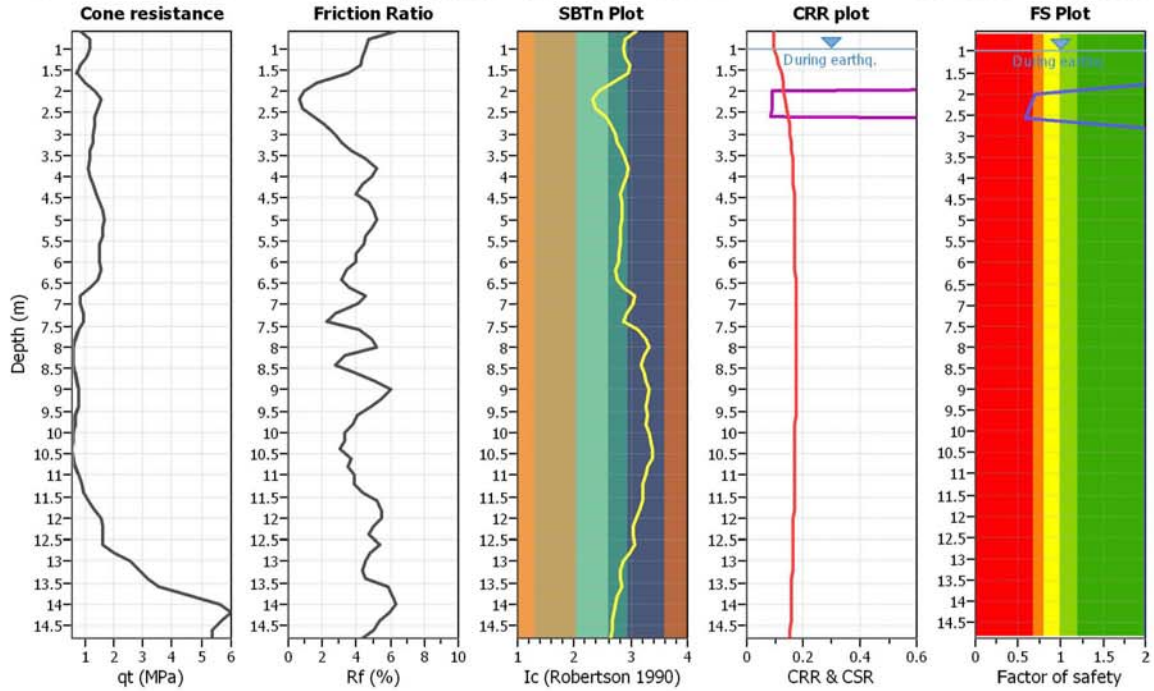
**Project title :**

**Location :**

**CPT file : 185130C179**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

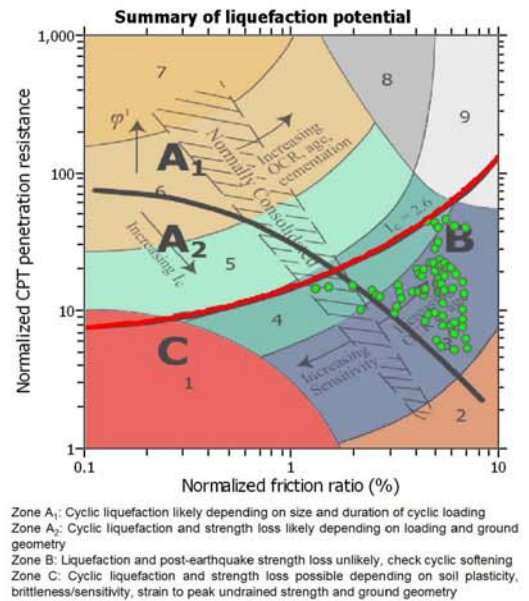
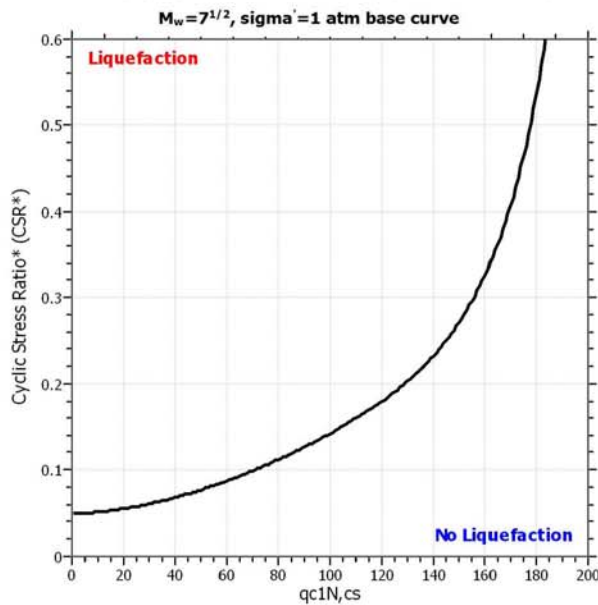
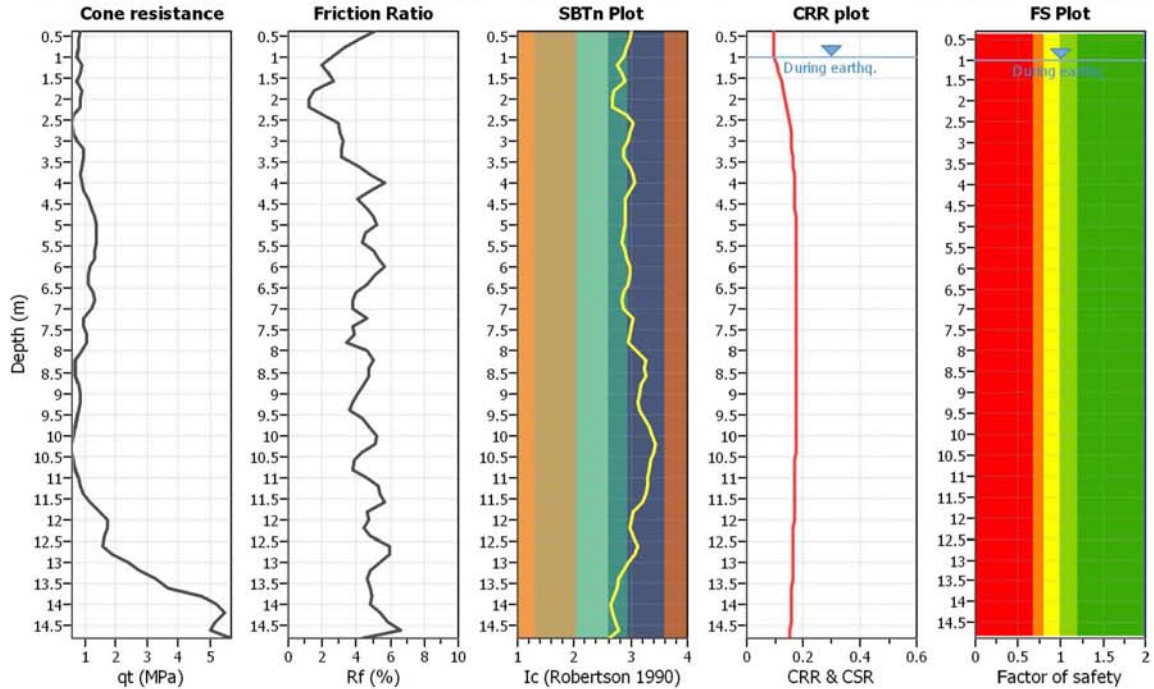
**Project title :**

**Location :**

**CPT file : 185130C180**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

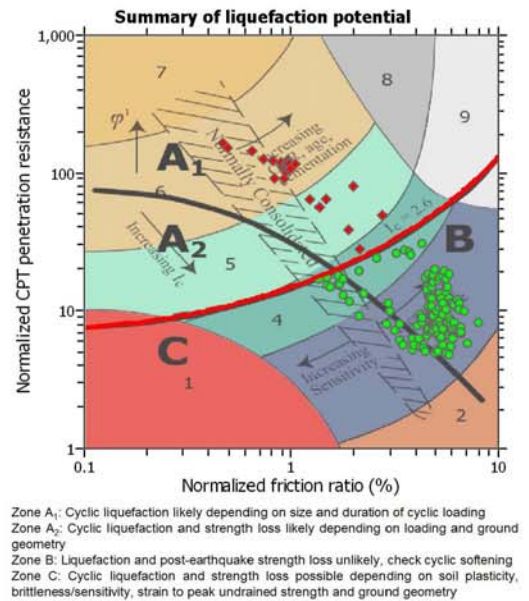
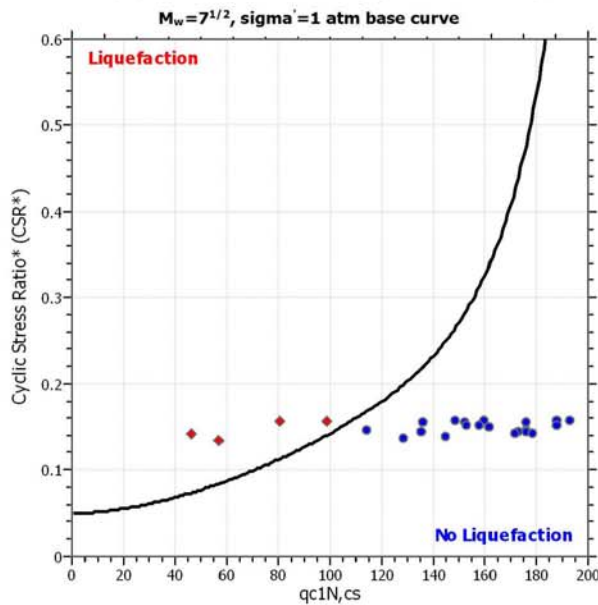
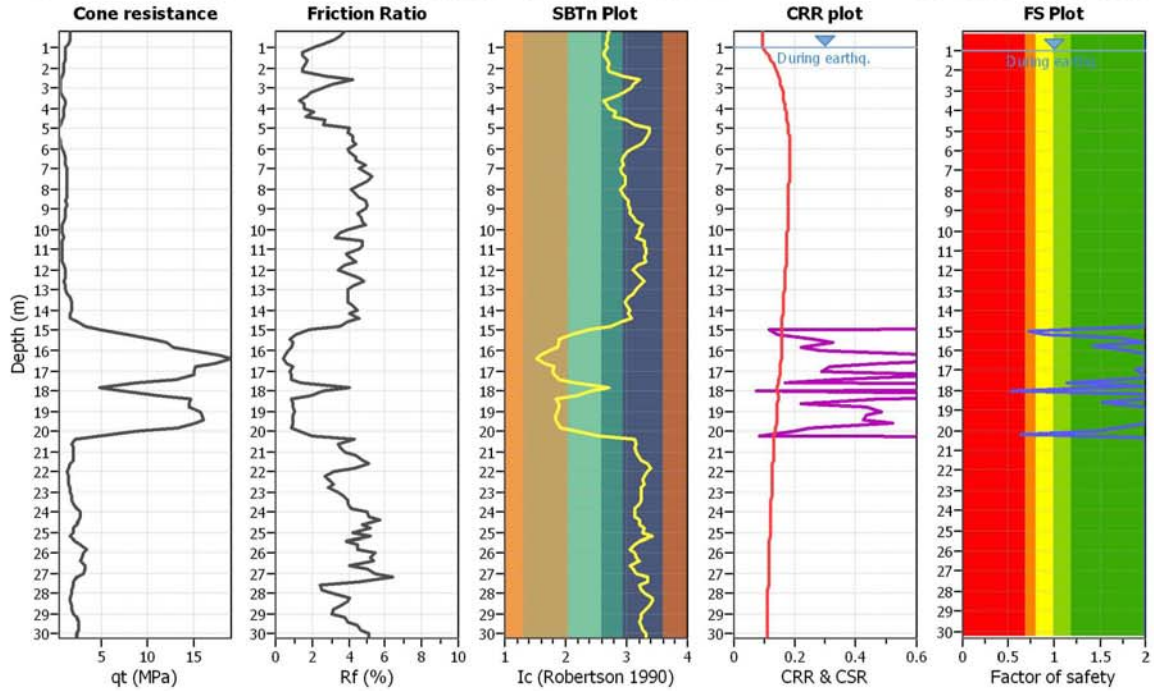
**Project title :**

**Location :**

**CPT file : 185130C192**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

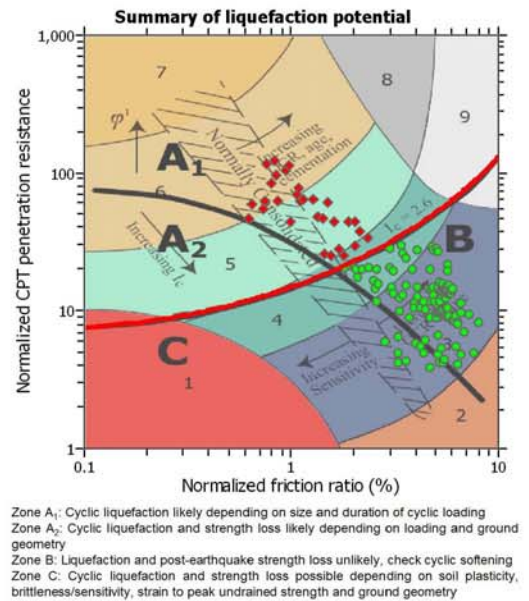
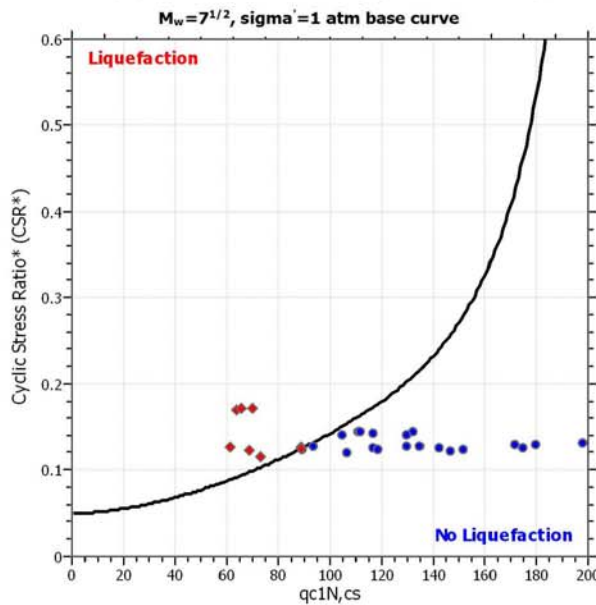
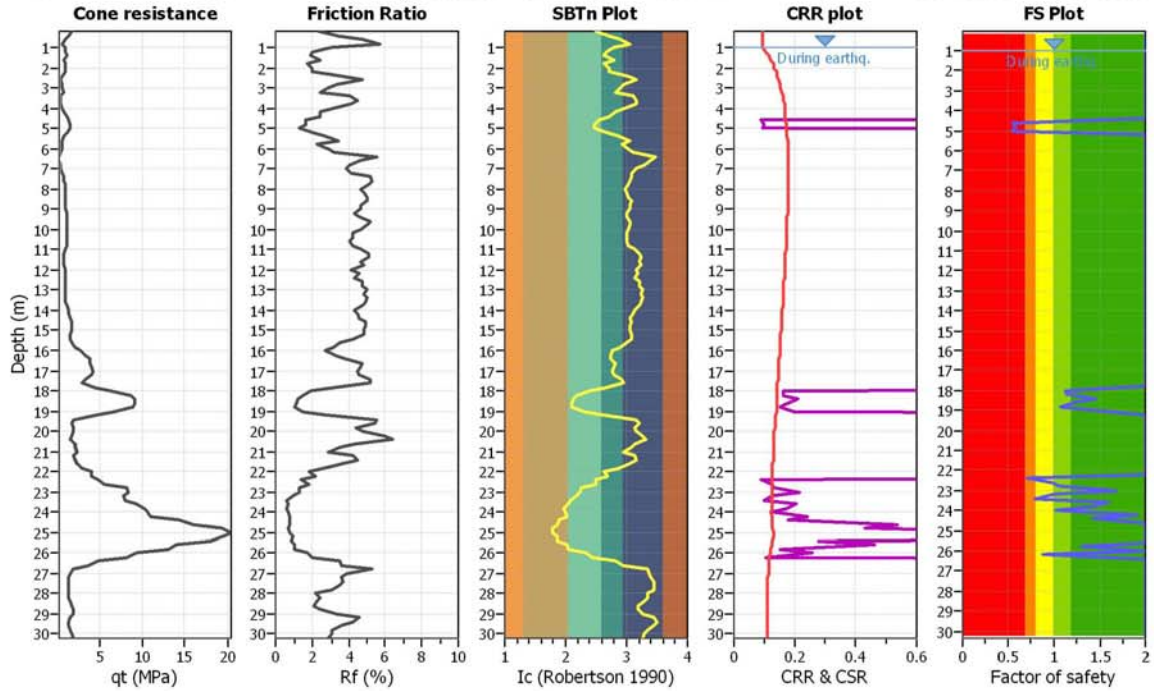
**Project title :**

**Location :**

**CPT file : 185130C193**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

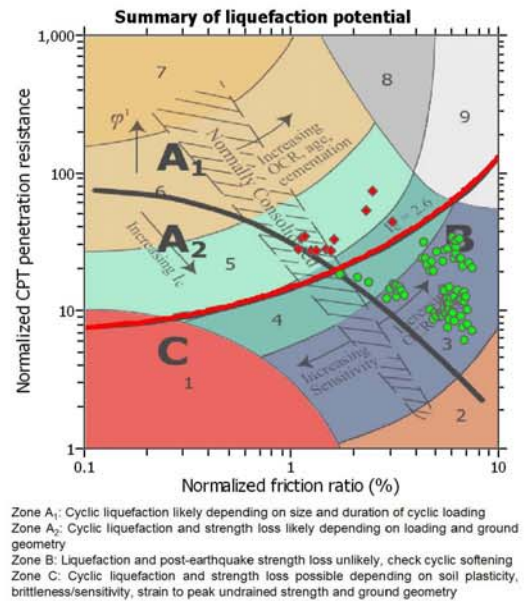
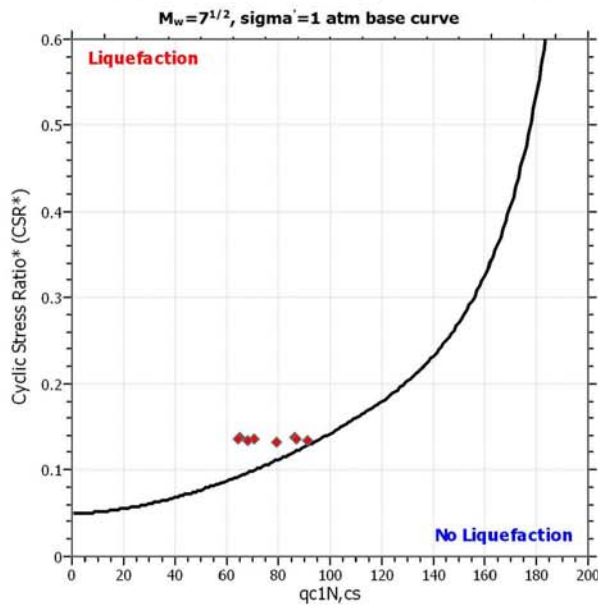
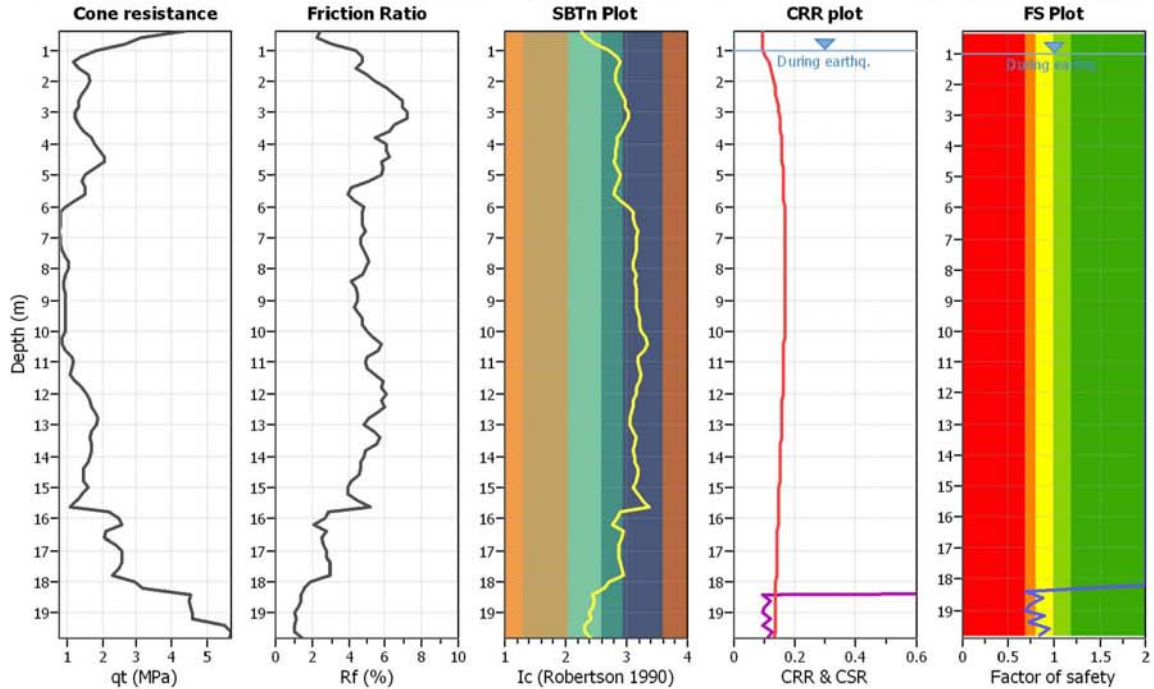
**Project title :**

**Location :**

**CPT file : 185130C402**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

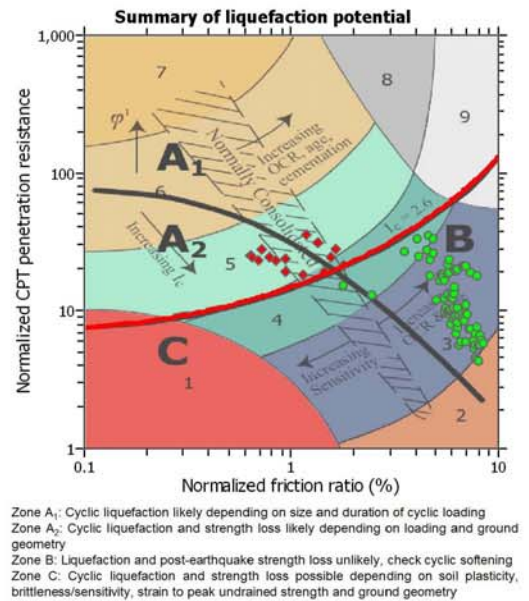
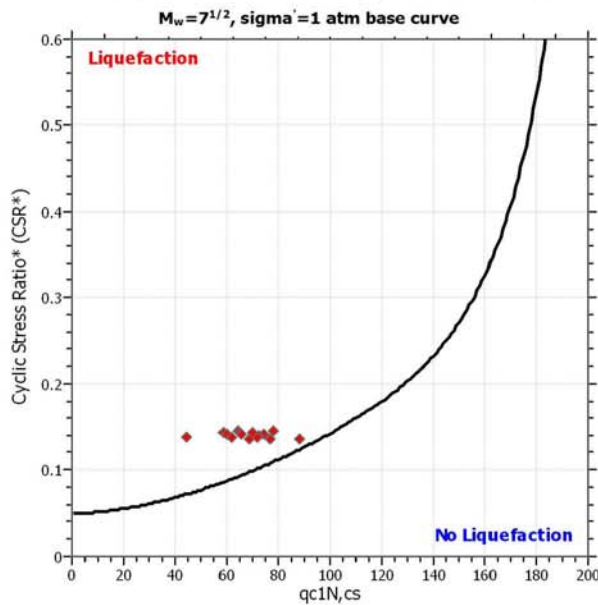
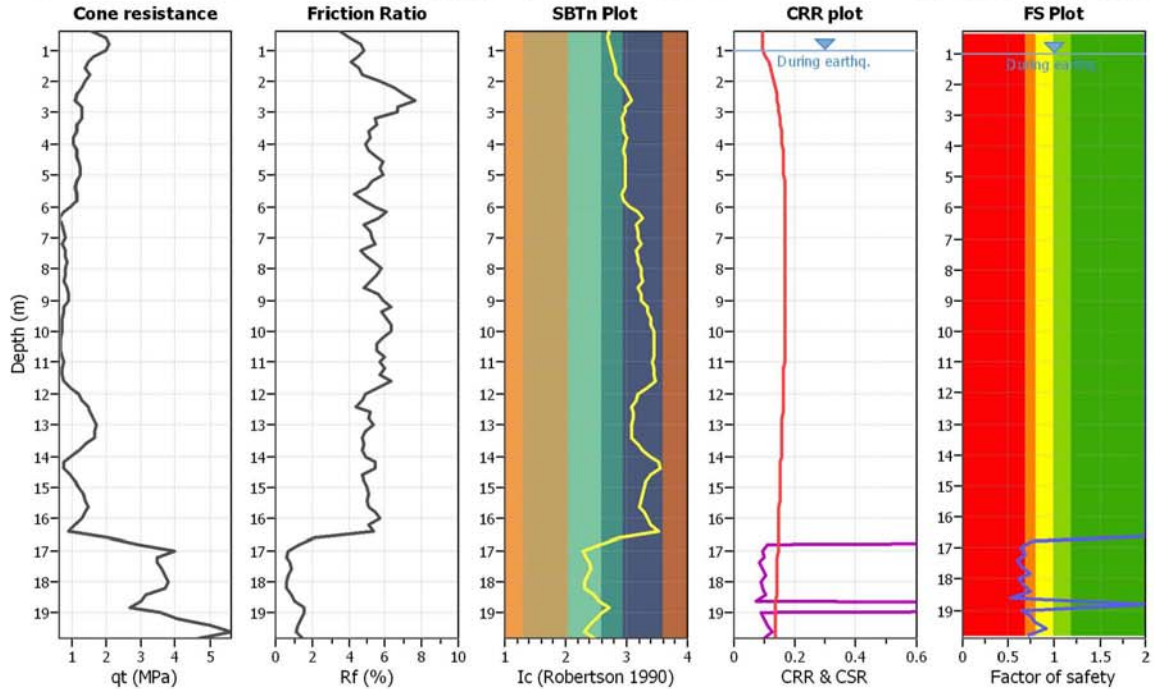
**Project title :**

**Location :**

**CPT file : 185130C403**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

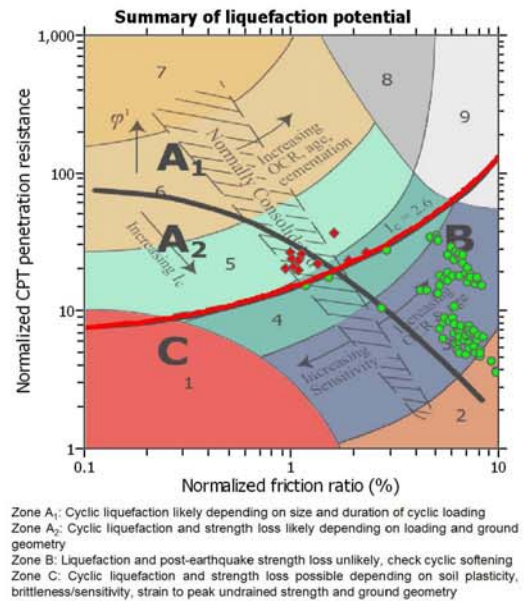
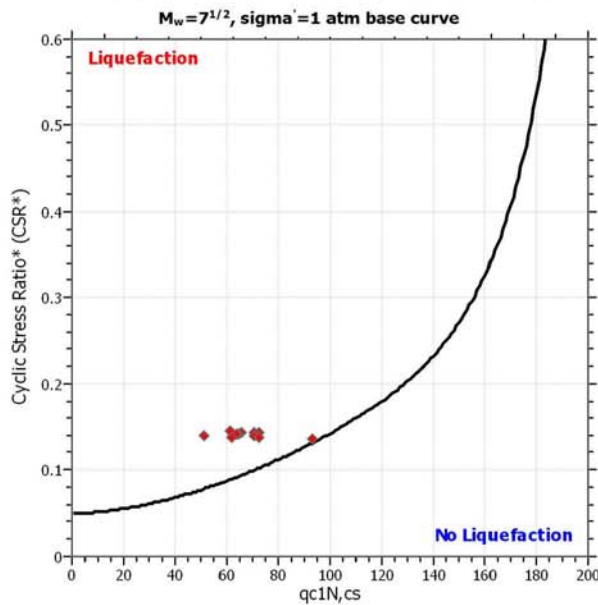
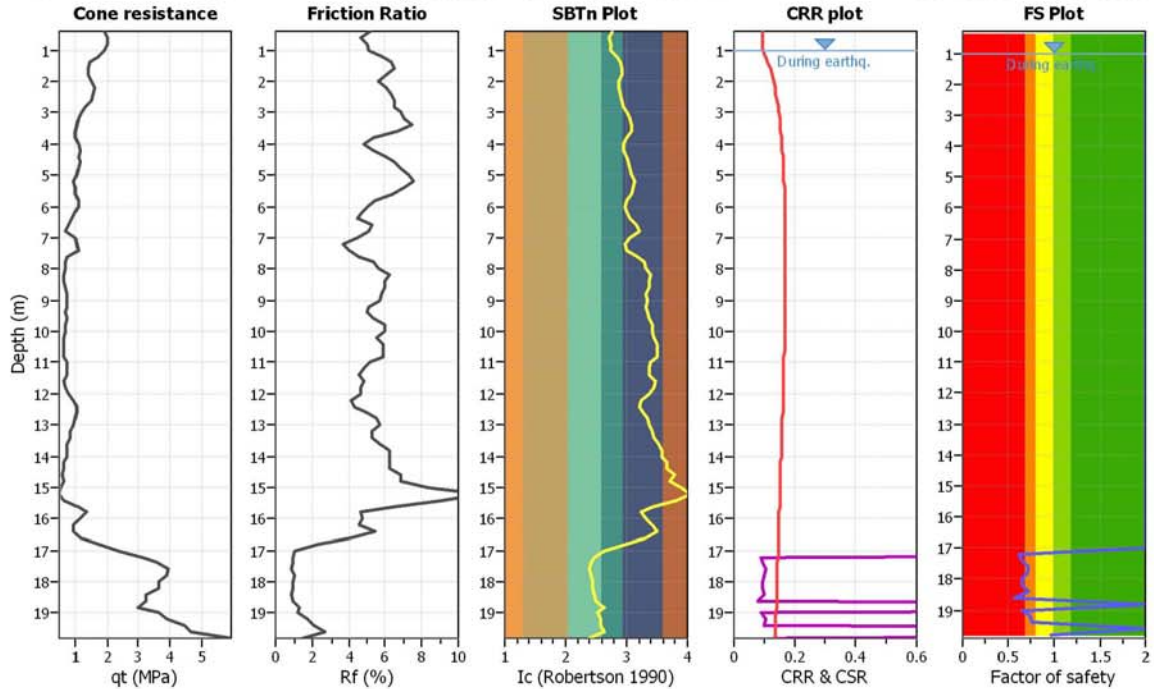
**Project title :**

**Location :**

**CPT file : 185130C404**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

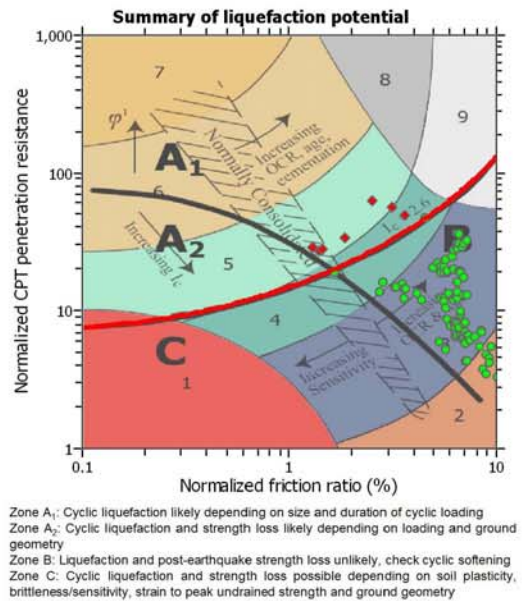
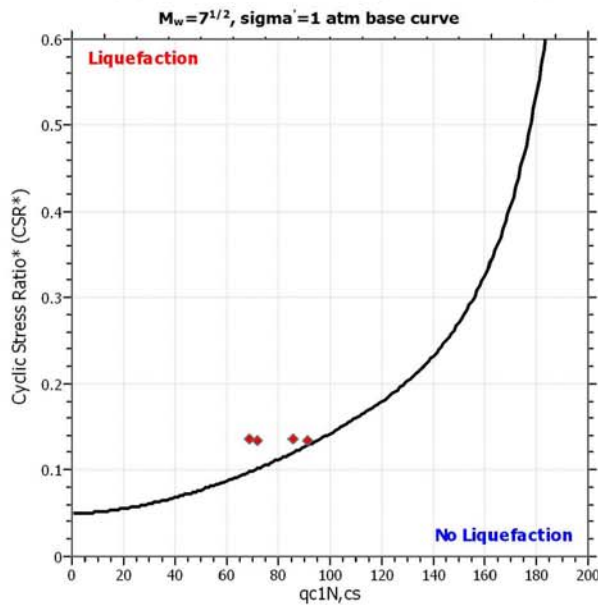
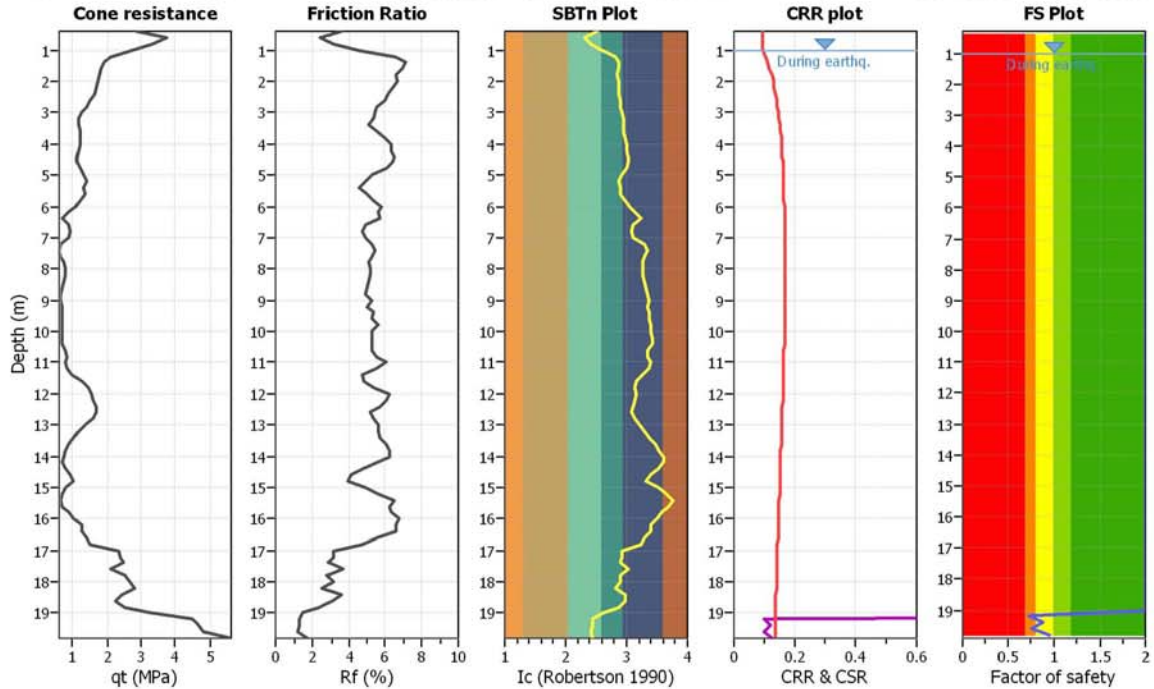
**Project title :**

**Location :**

**CPT file : 185130C405**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

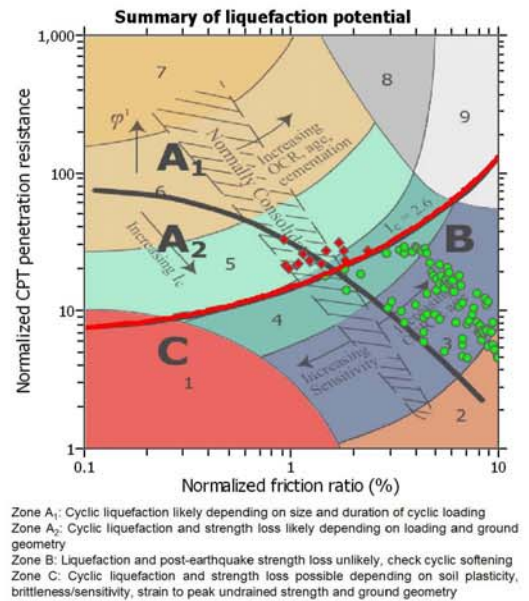
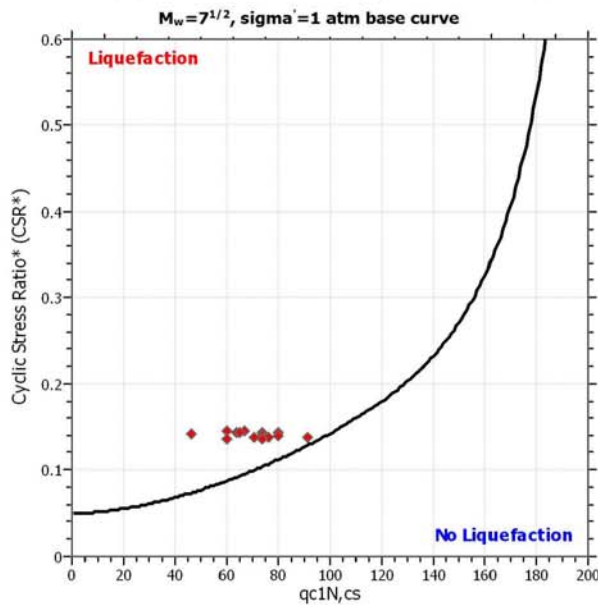
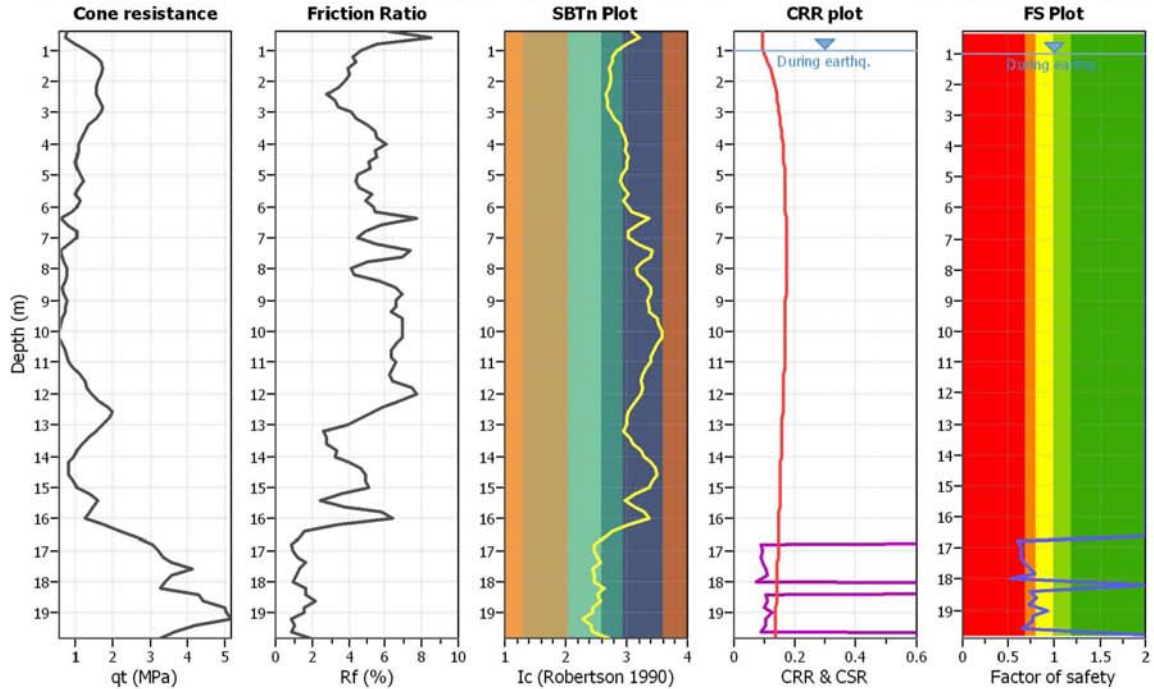
**Project title :**

**Location :**

**CPT file : 185130C406**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

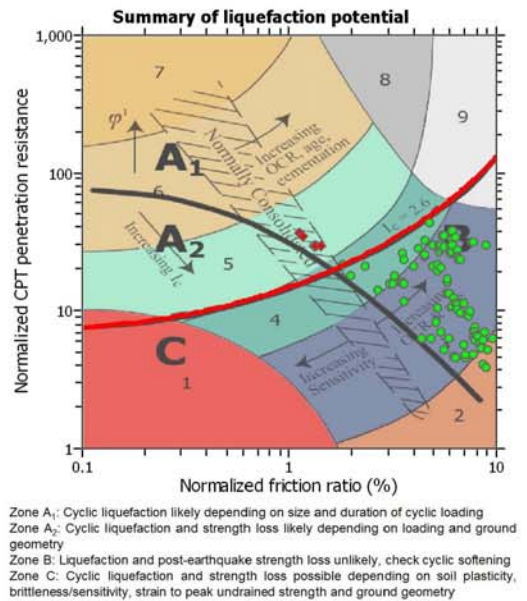
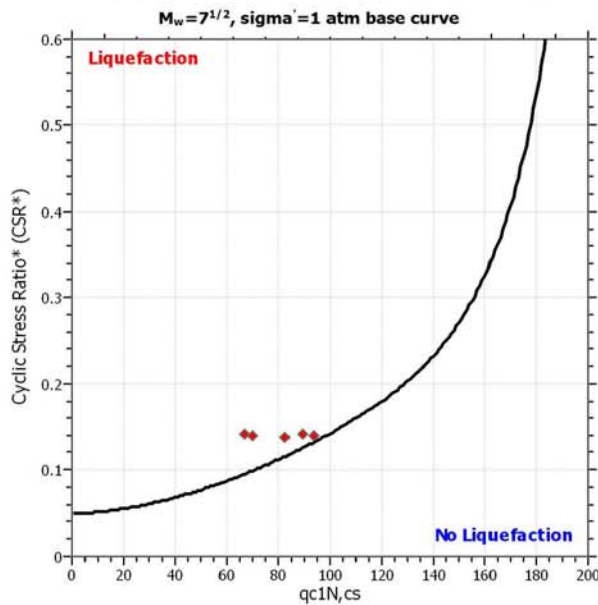
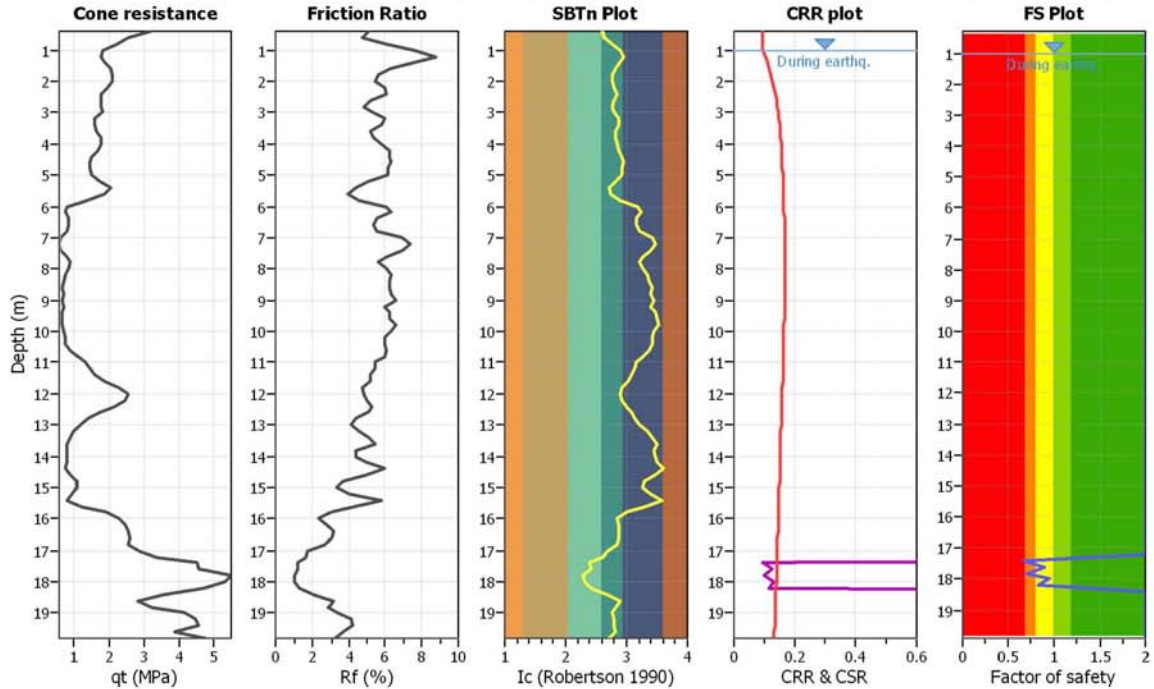
**Project title :**

**Location :**

**CPT file : 185130C407**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

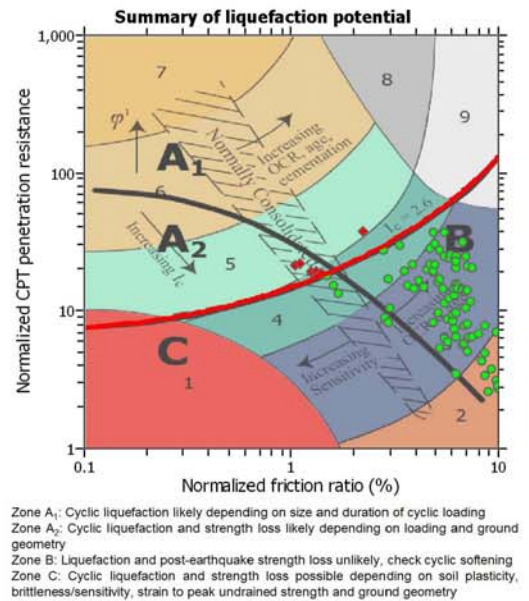
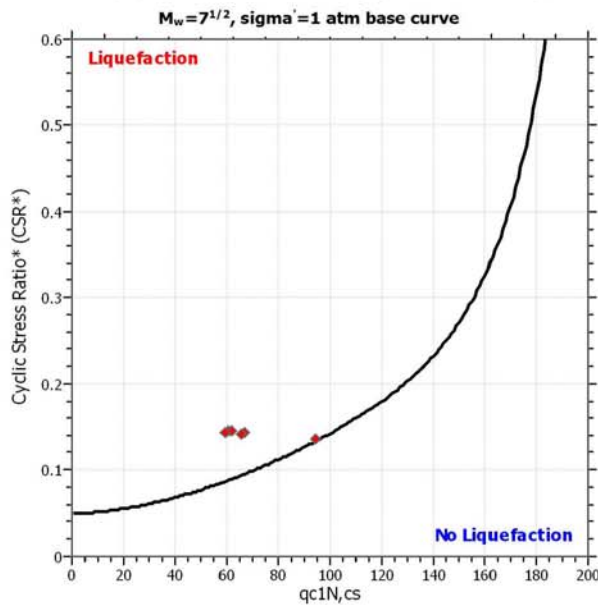
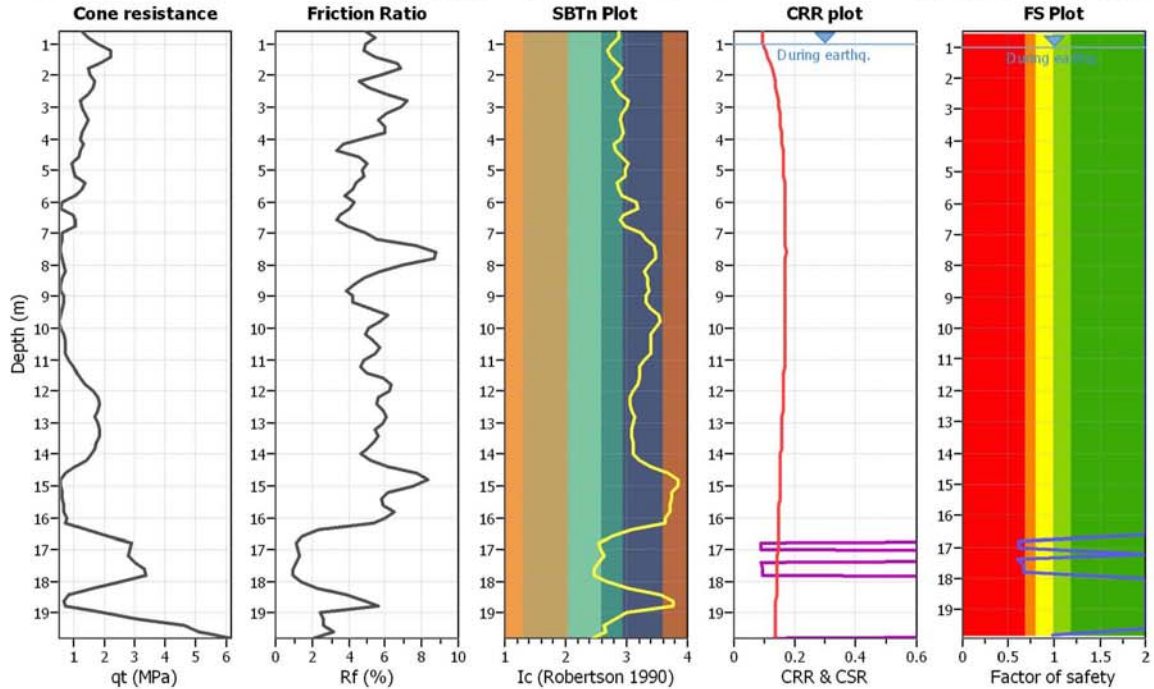
**Project title :**

**Location :**

**CPT file : 185130C408**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

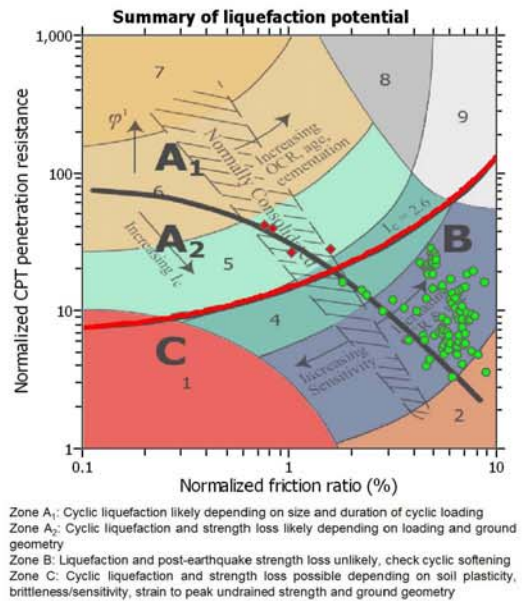
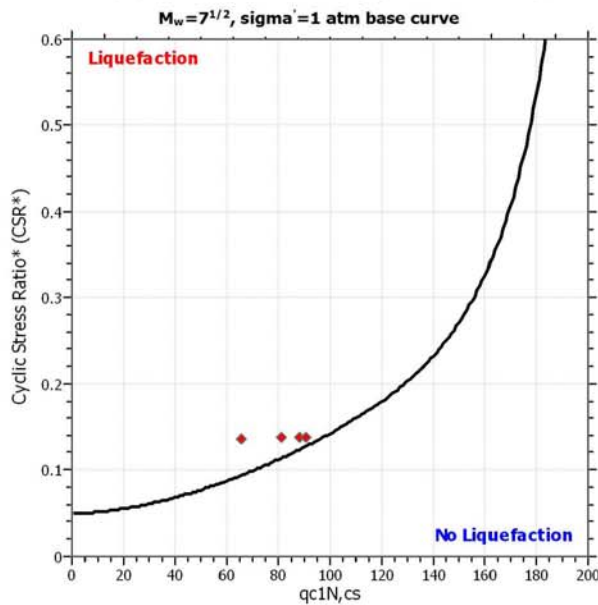
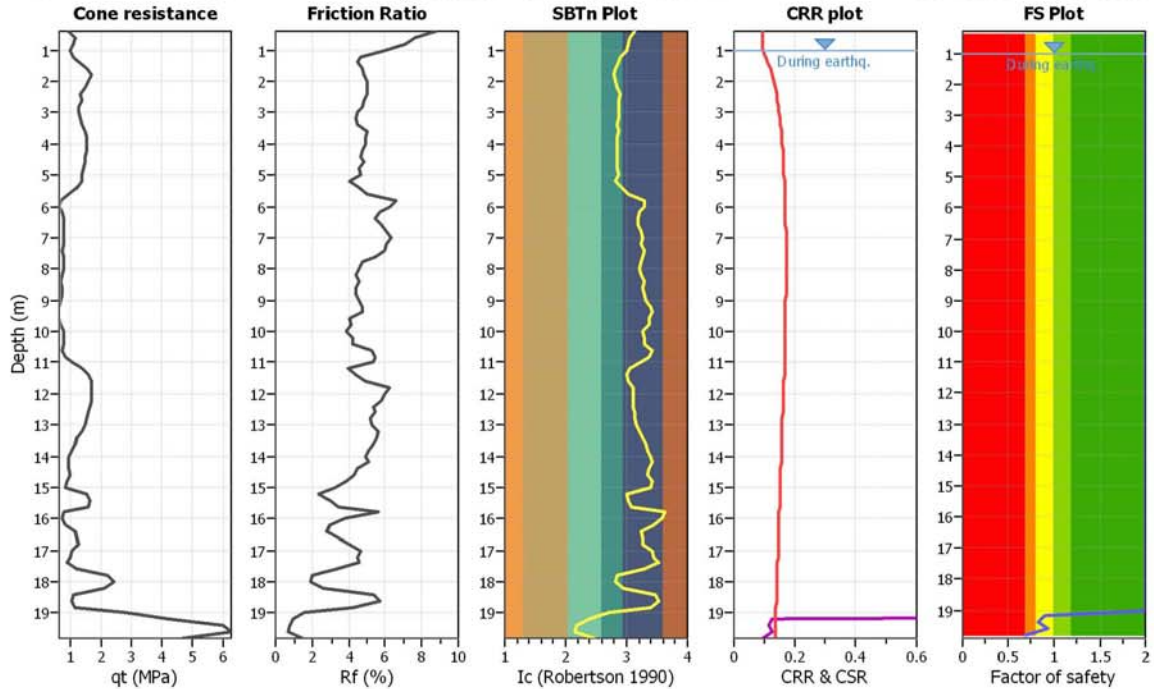
**Project title :**

**Location :**

**CPT file : 185130C409**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

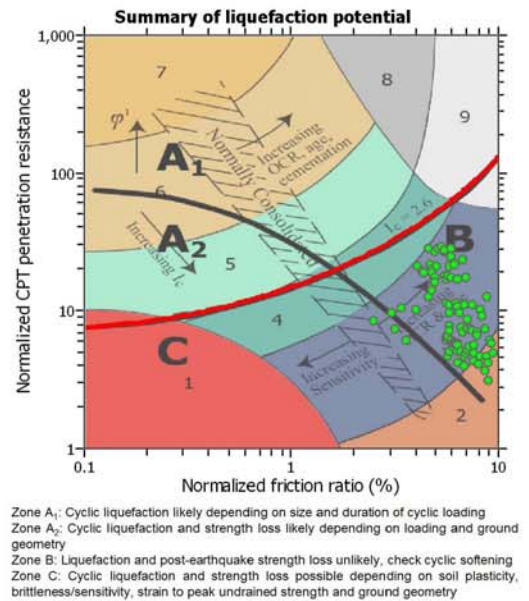
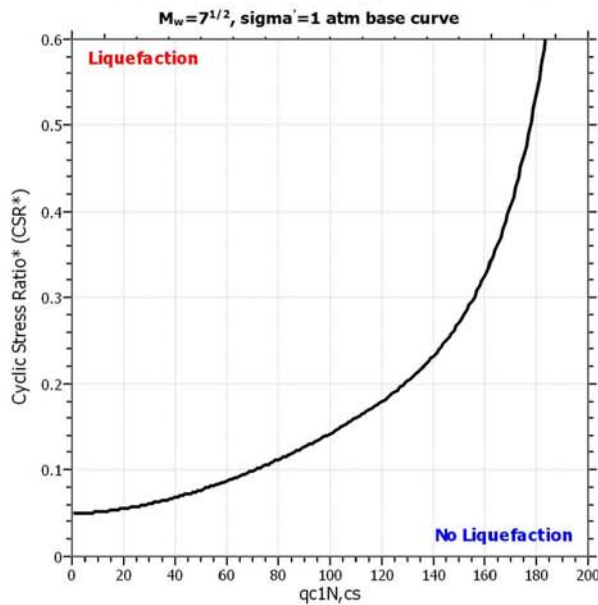
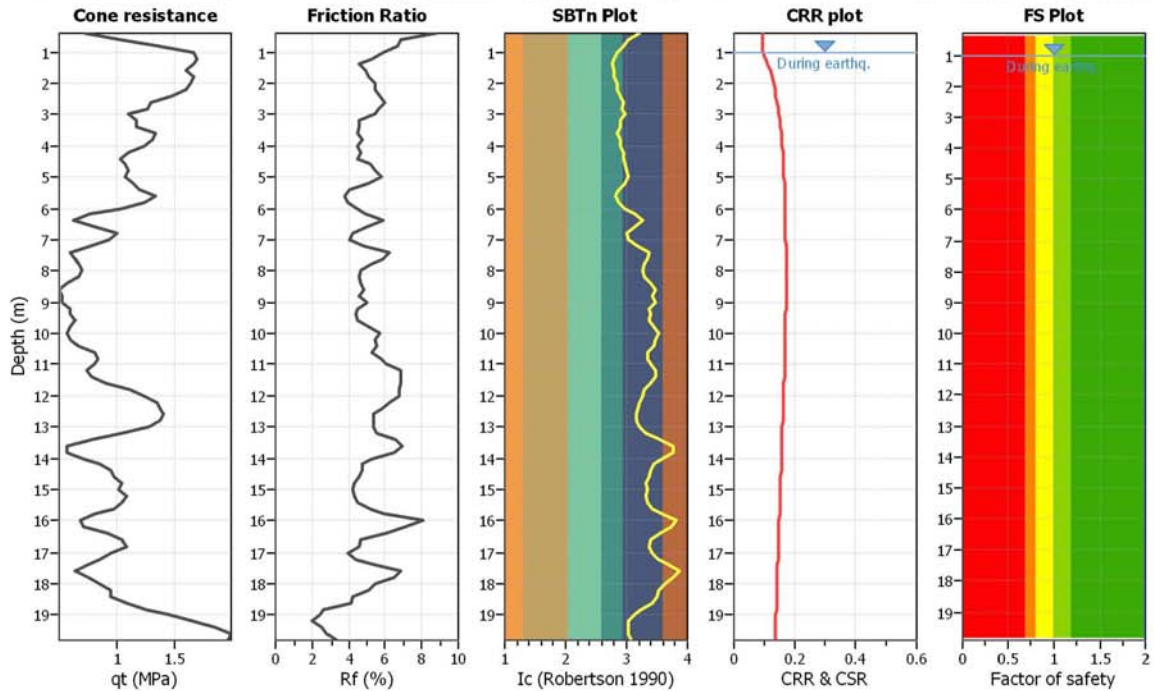
**Project title :**

**Location :**

**CPT file : 185130C412**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

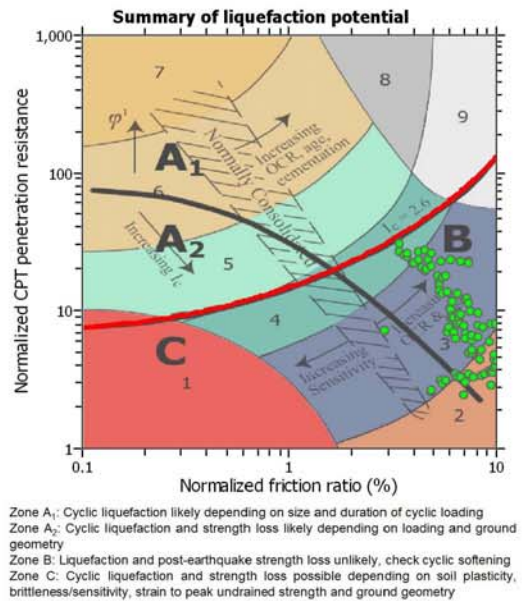
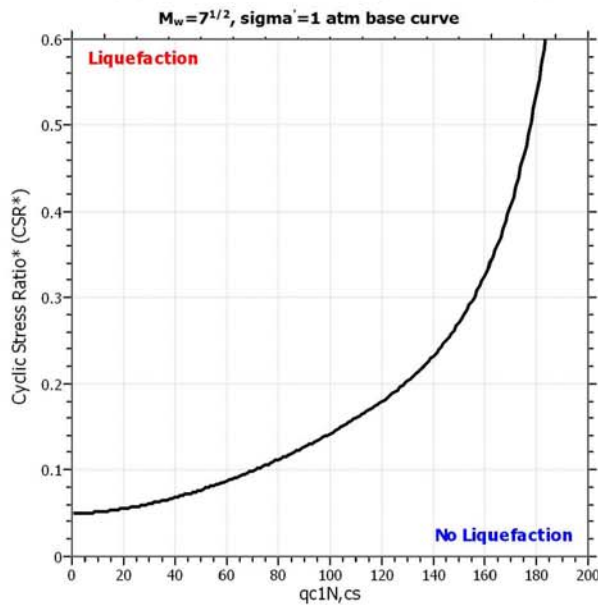
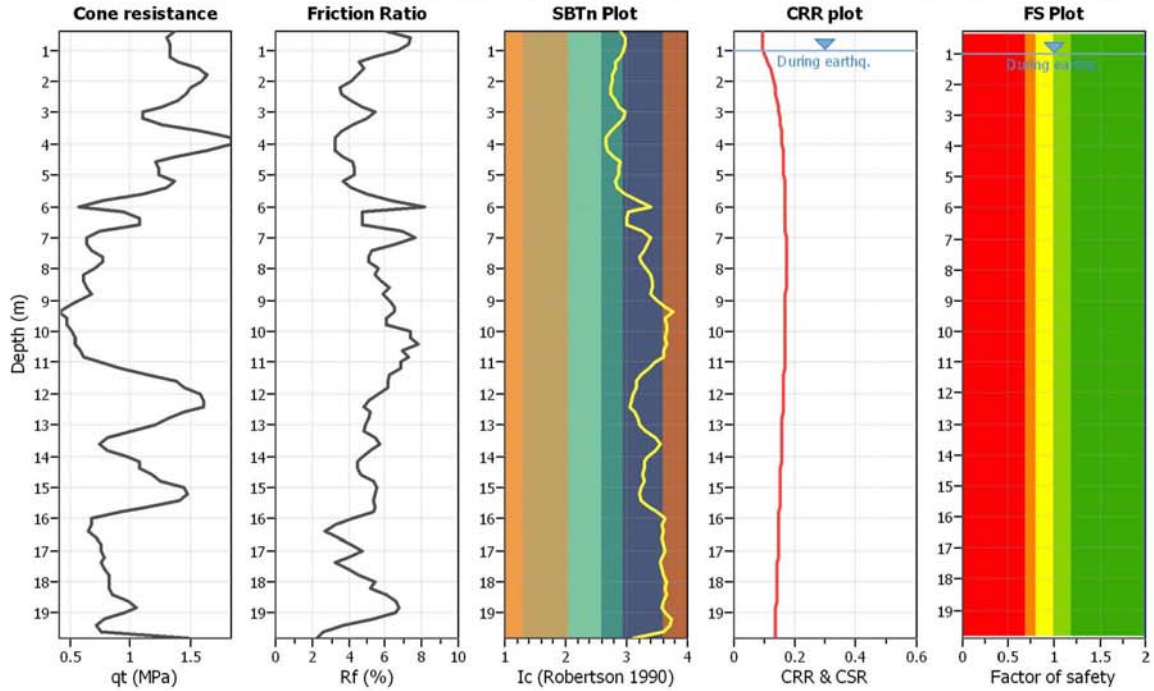
**Project title :**

**Location :**

**CPT file : 185130C413**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

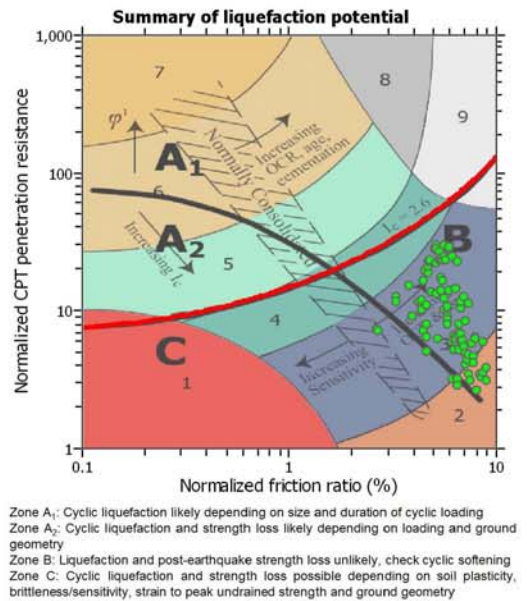
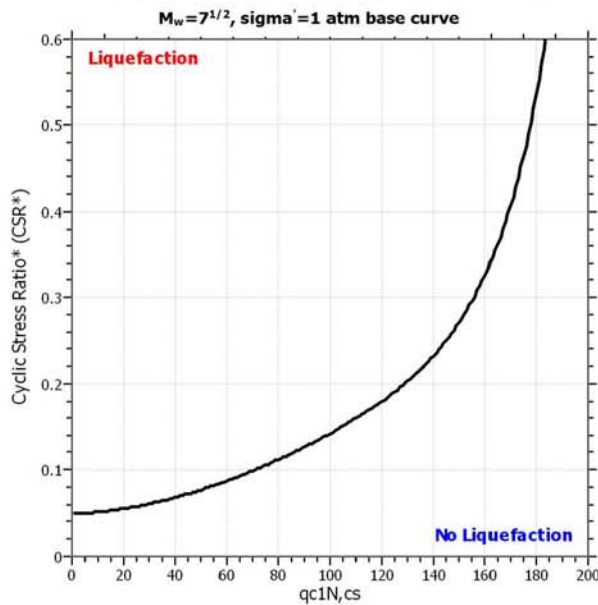
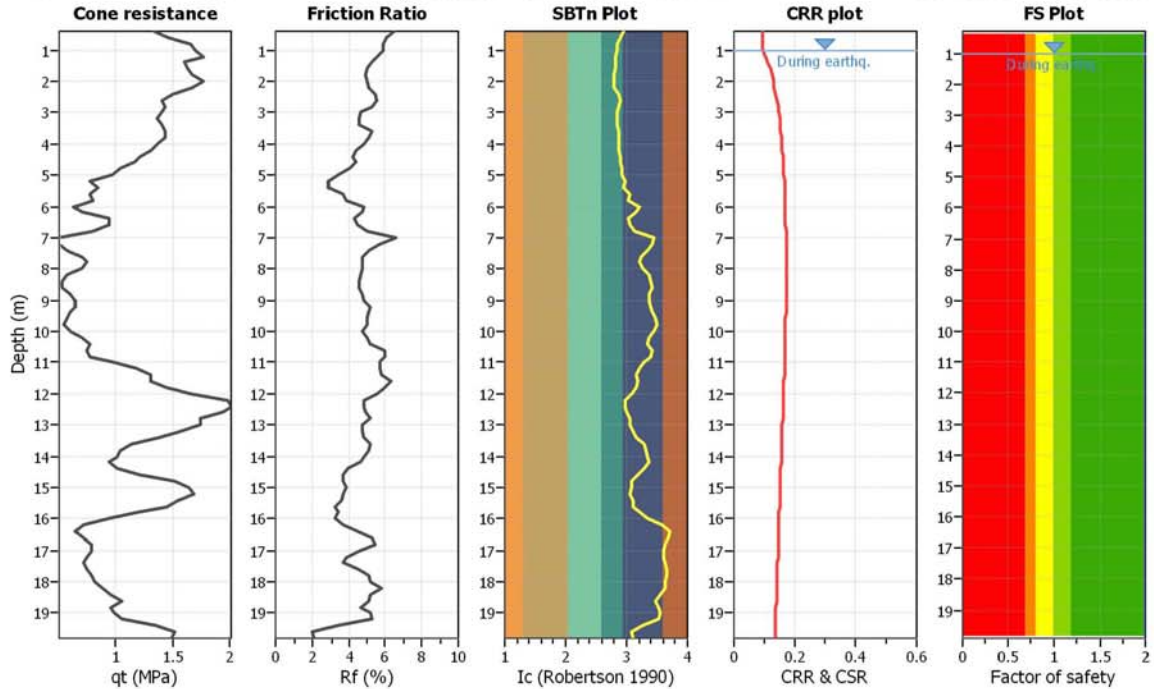
**Project title :**

**Location :**

**CPT file : 185130C416**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

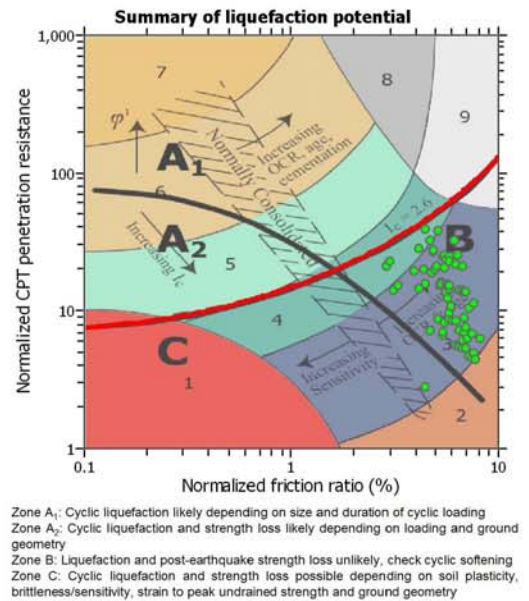
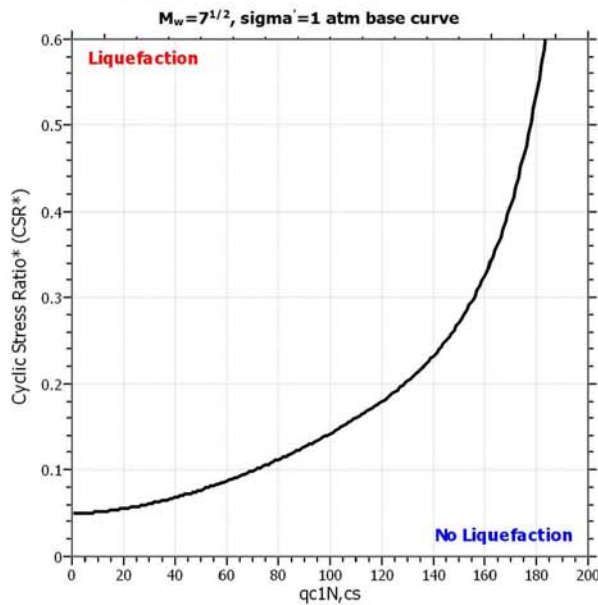
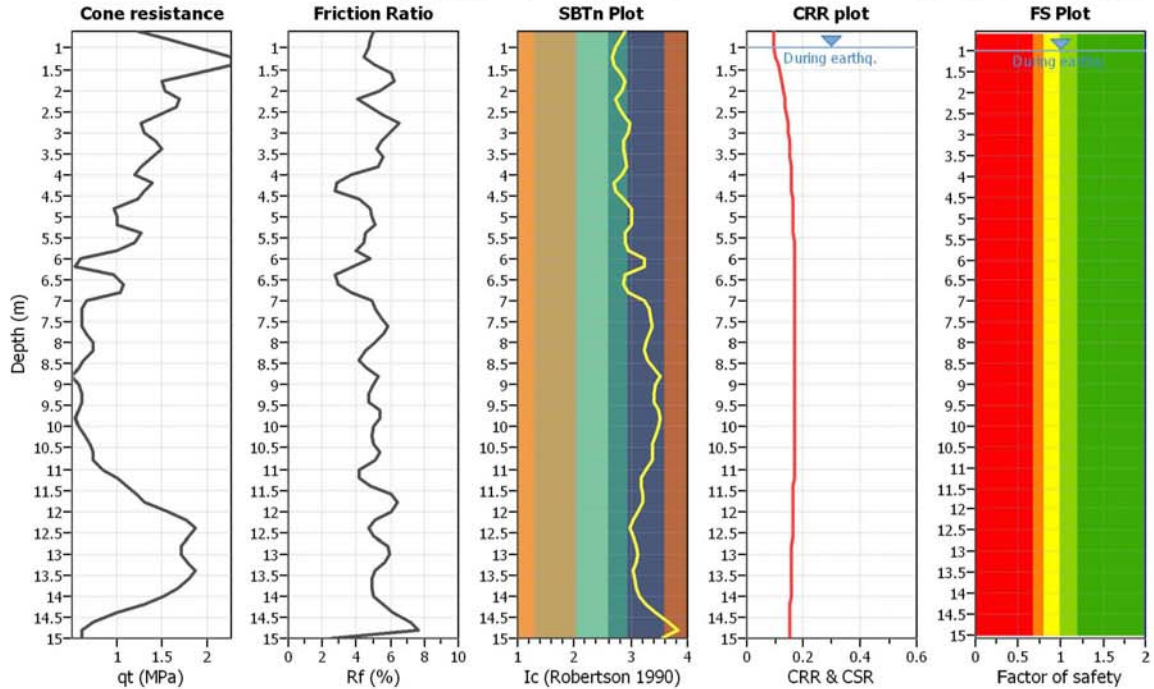
**Project title :**

**Location :**

**CPT file : 185130C418**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

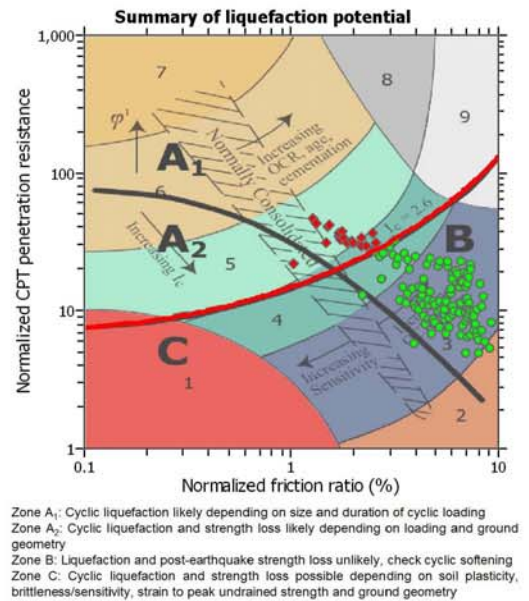
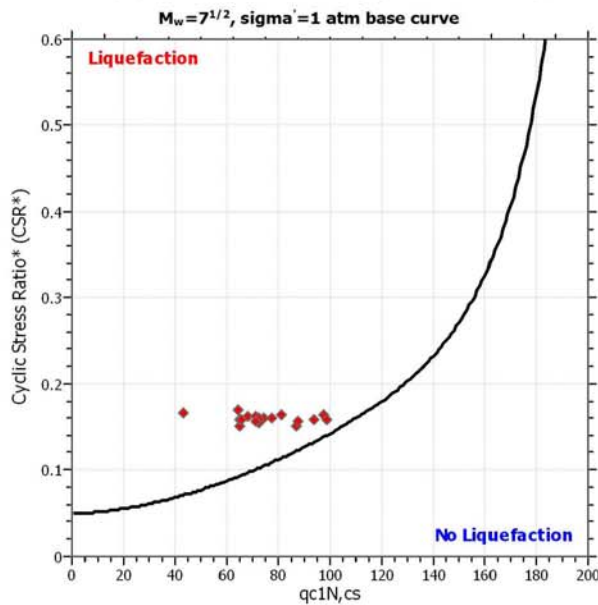
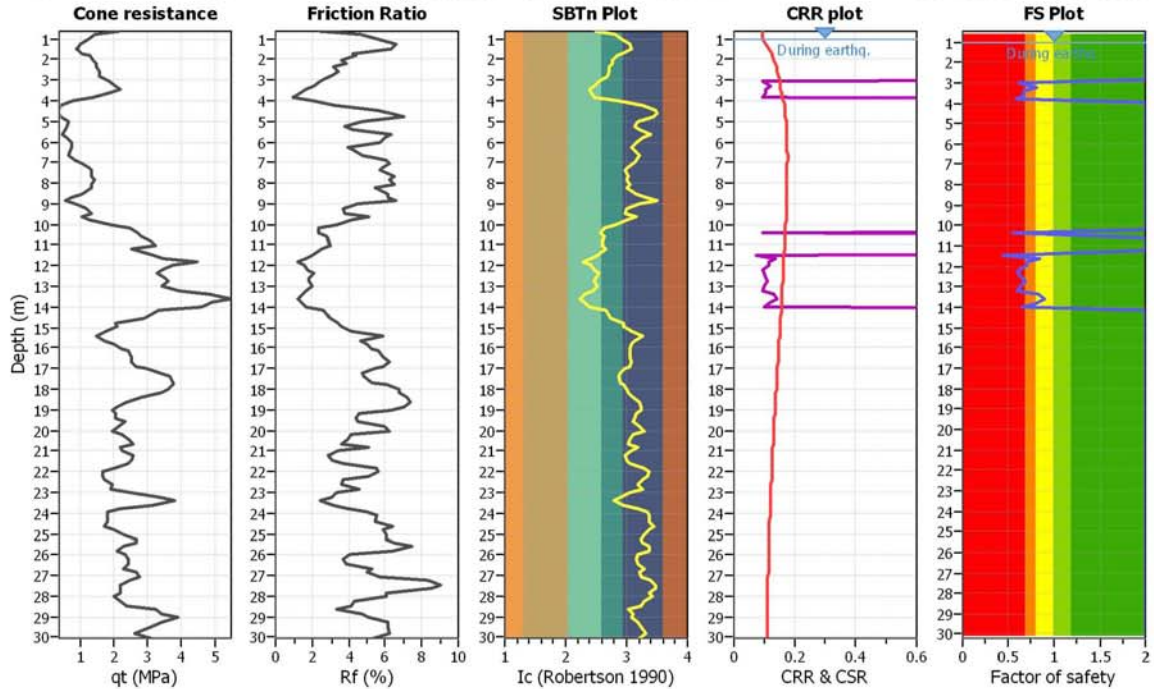
**Project title :**

**Location :**

**CPT file : 185130C428**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

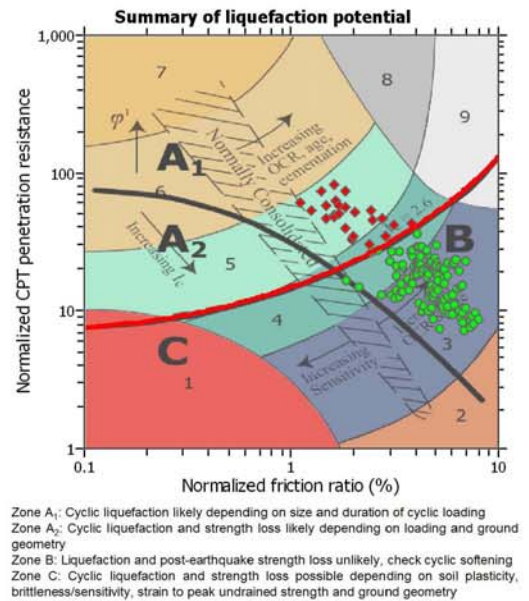
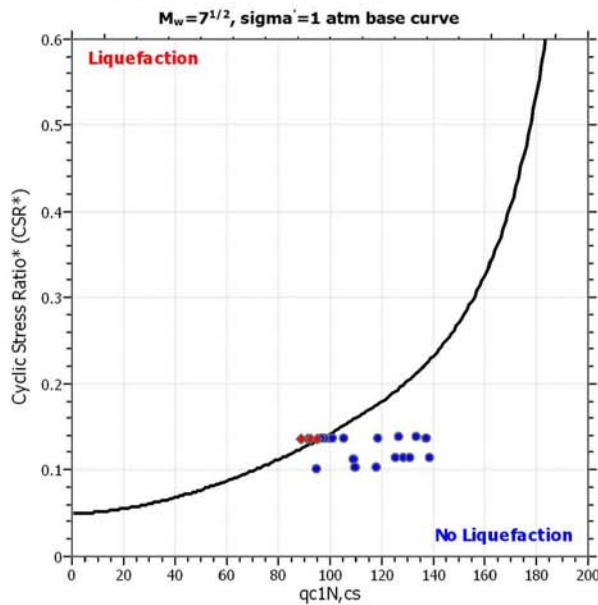
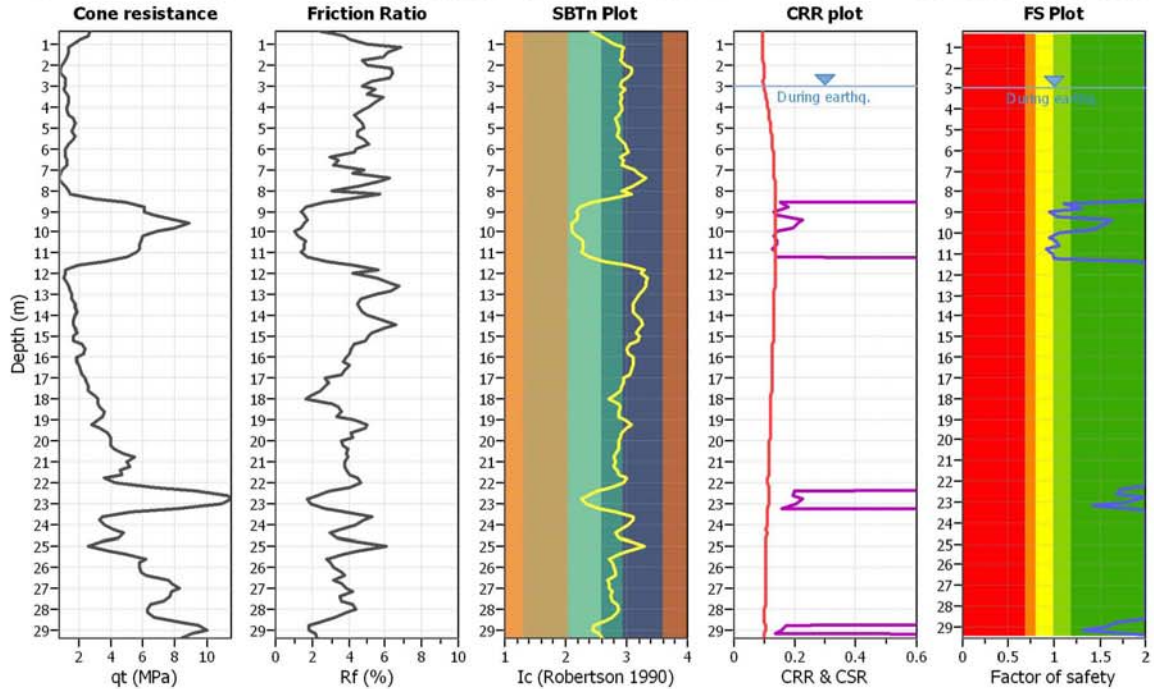
**Project title :**

**Location :**

**CPT file : 185130C987**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

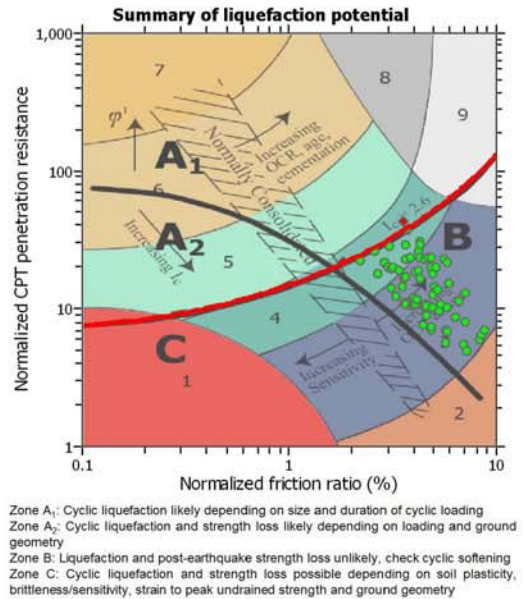
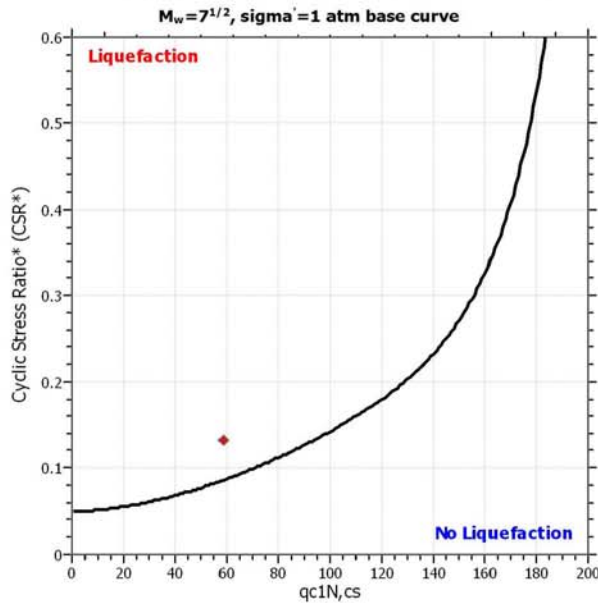
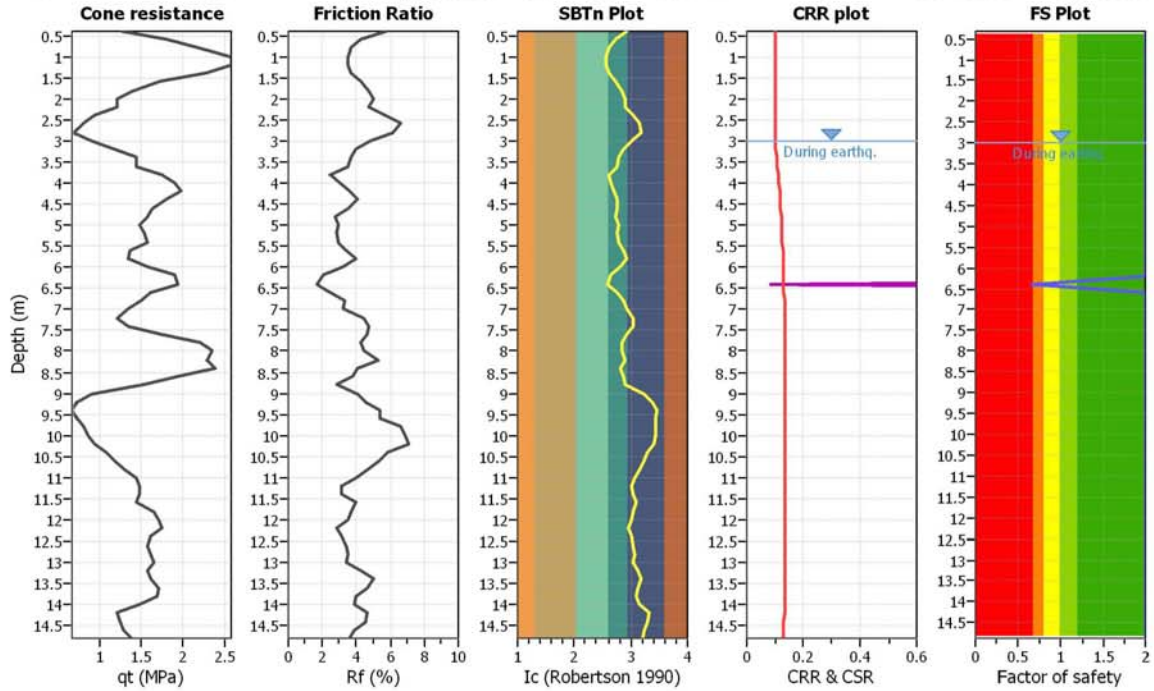
**Project title :**

**Location :**

**CPT file : 185130C988**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

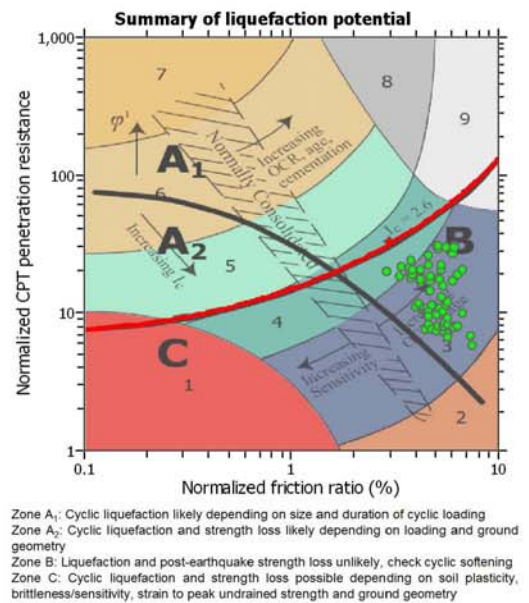
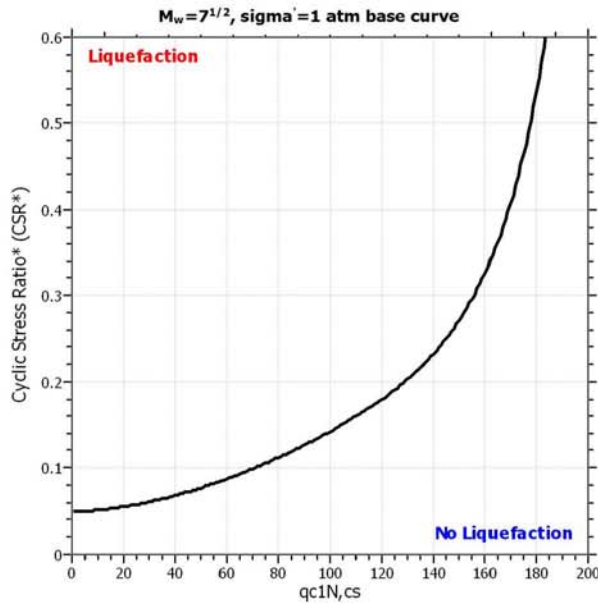
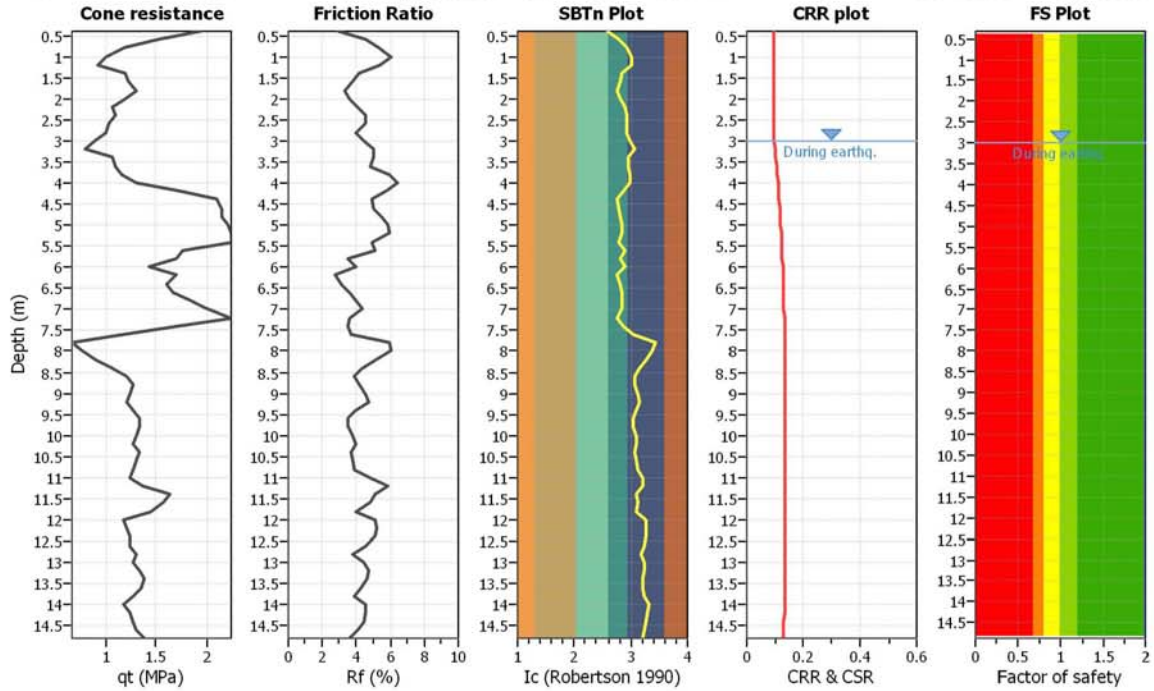
**Project title :**

**Location :**

**CPT file : 185130C989**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

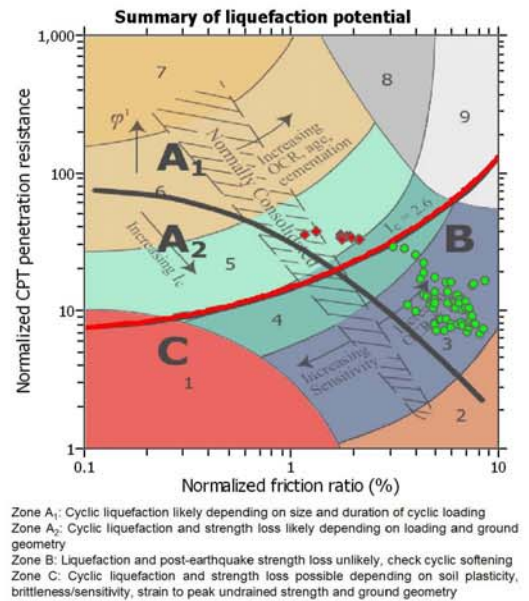
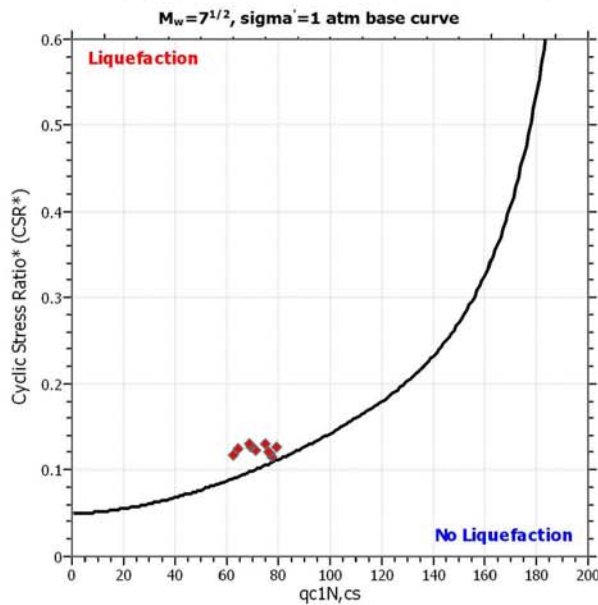
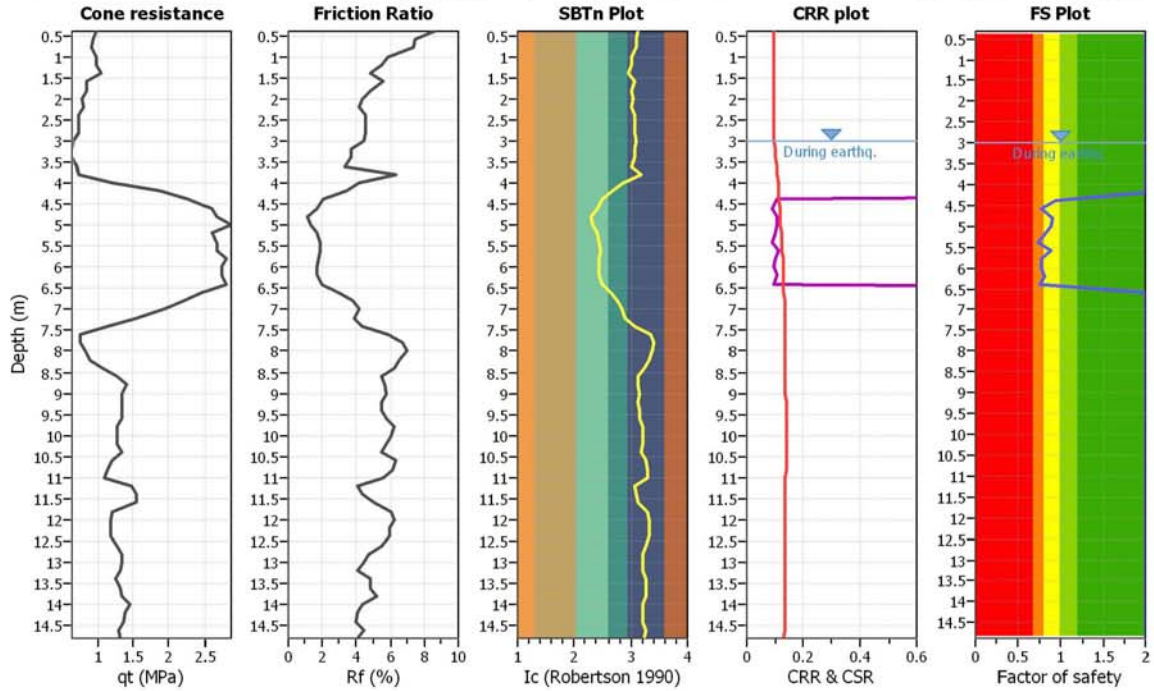
**Project title :**

**Location :**

**CPT file : 185130C990**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

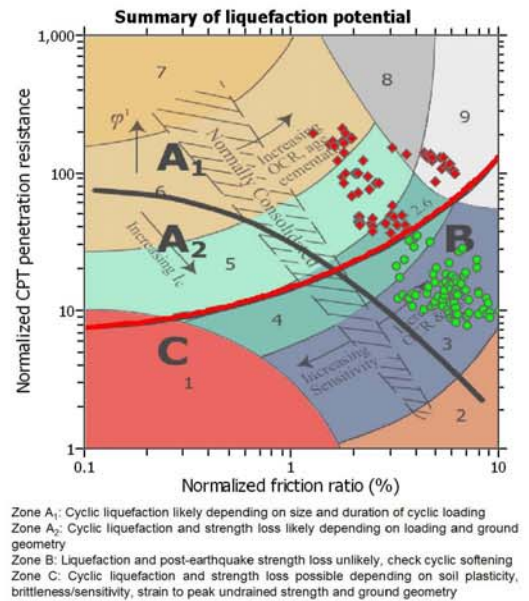
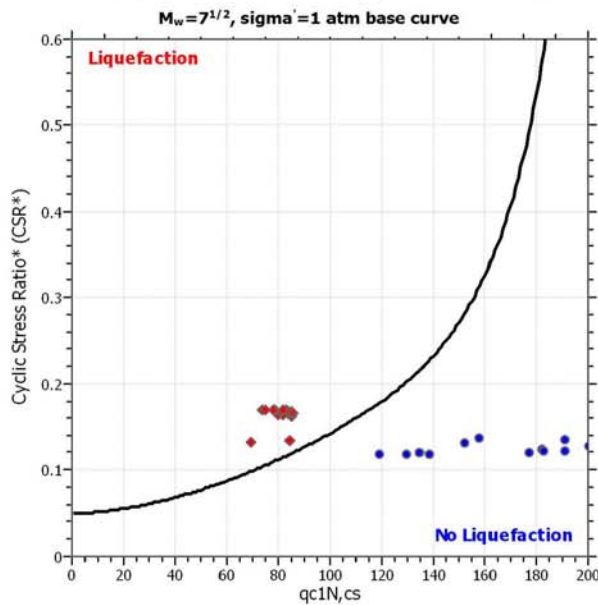
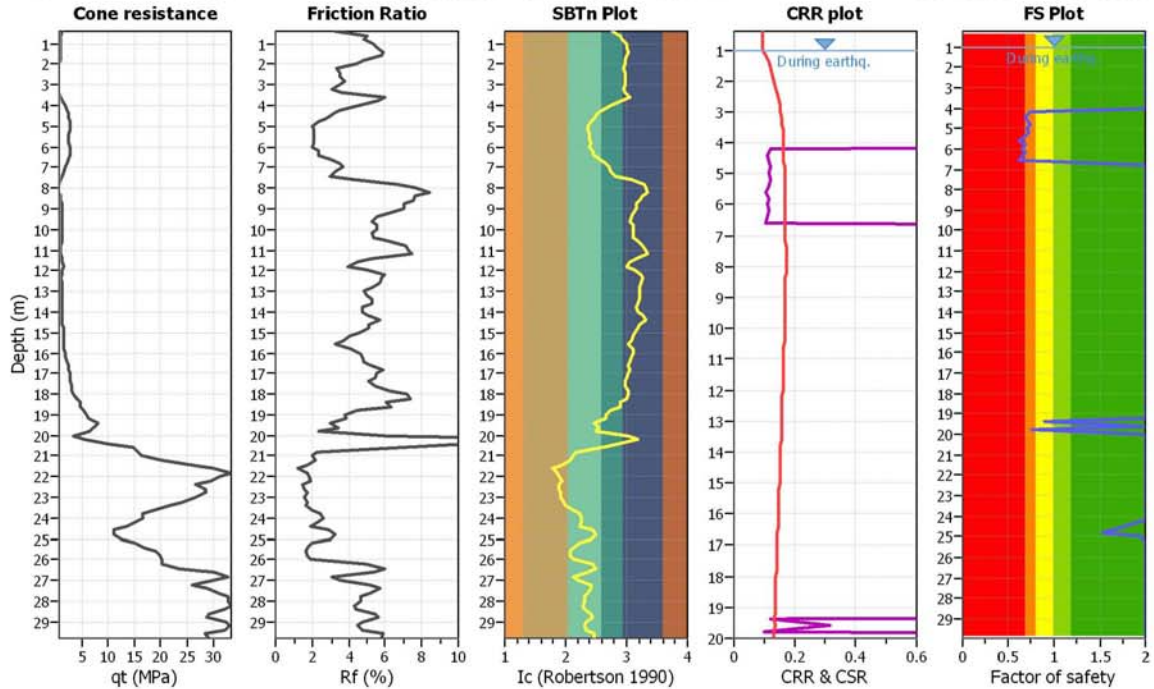
**Project title :**

**Location :**

**CPT file : 185130C991**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

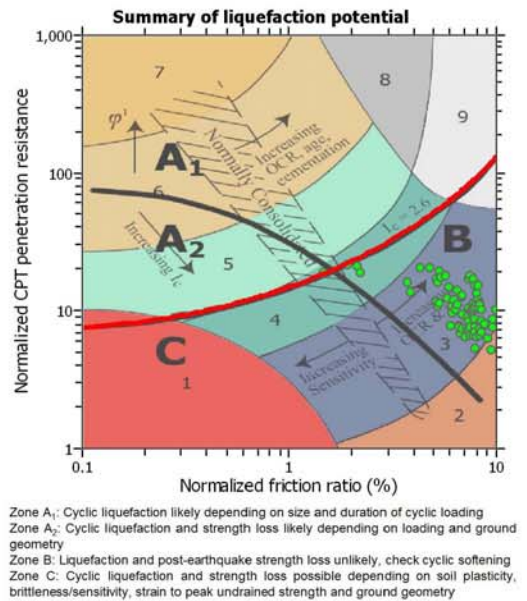
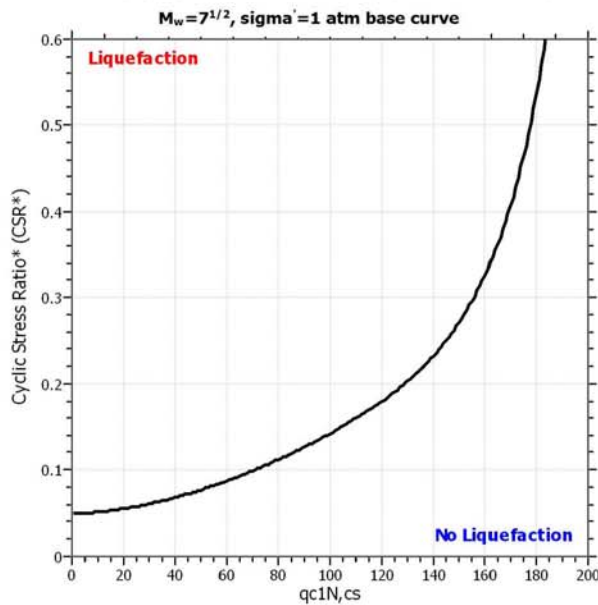
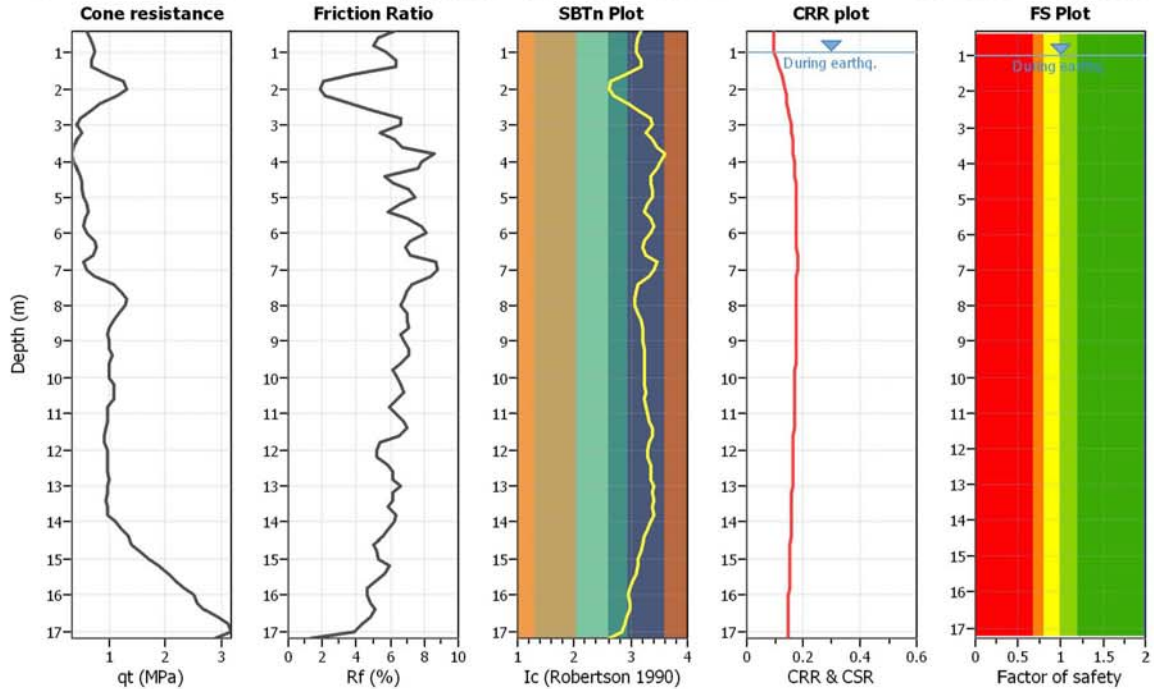
**Project title :**

**Location :**

**CPT file : 185130C992**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

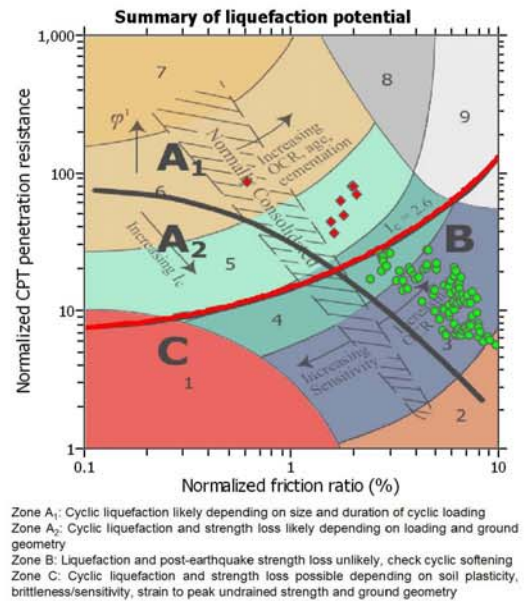
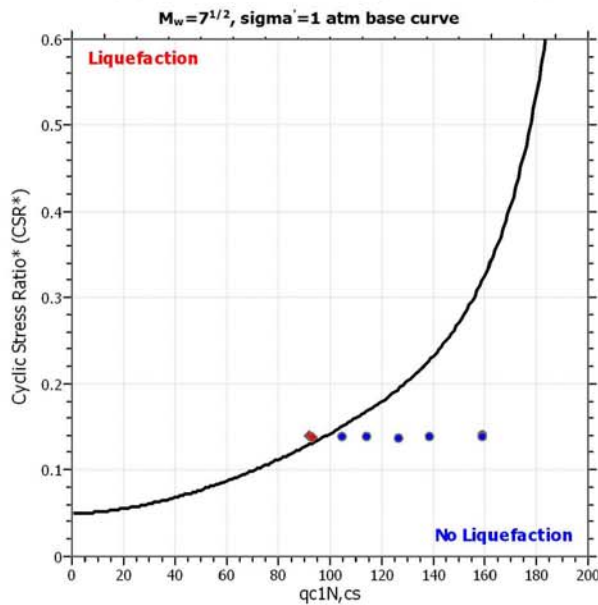
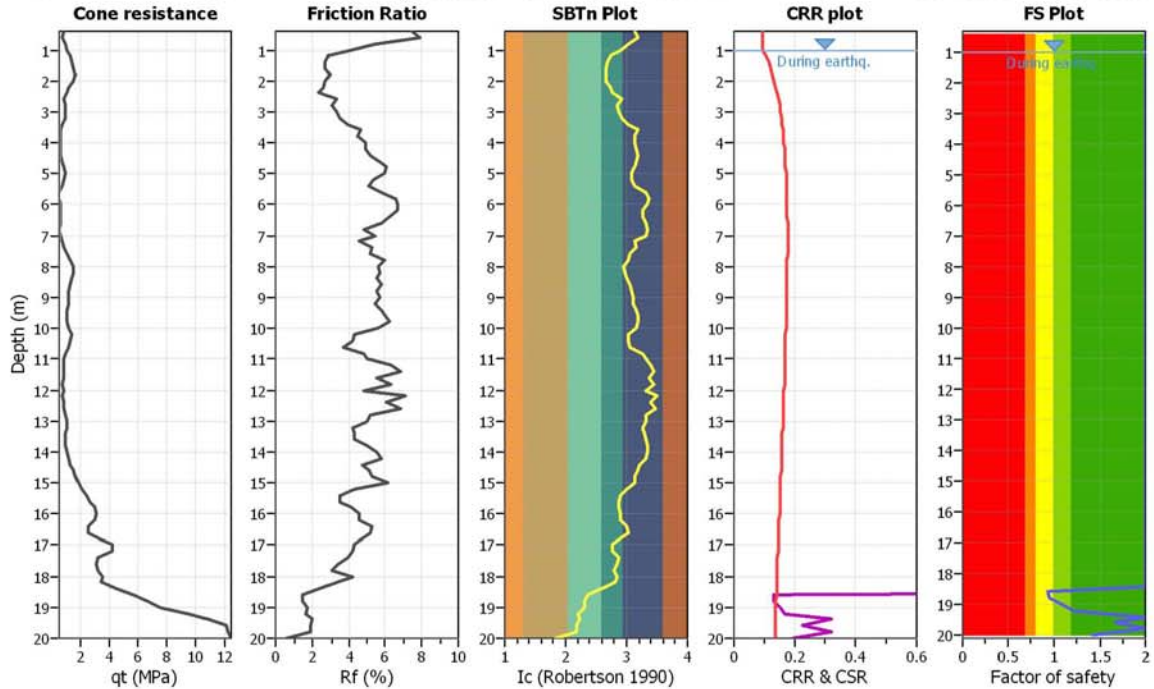
**Project title :**

**Location :**

**CPT file : 185130C993**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

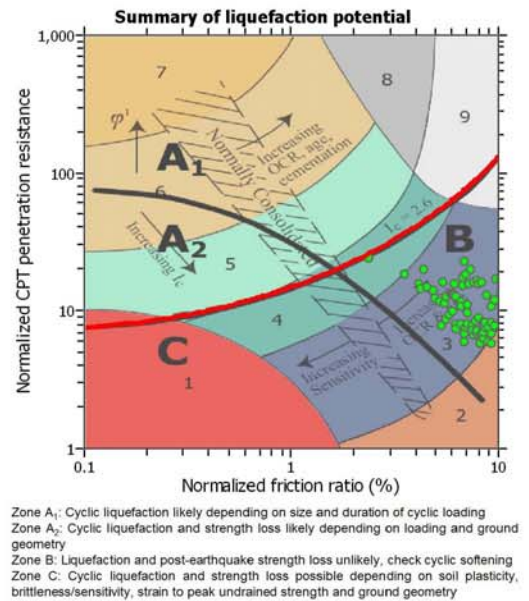
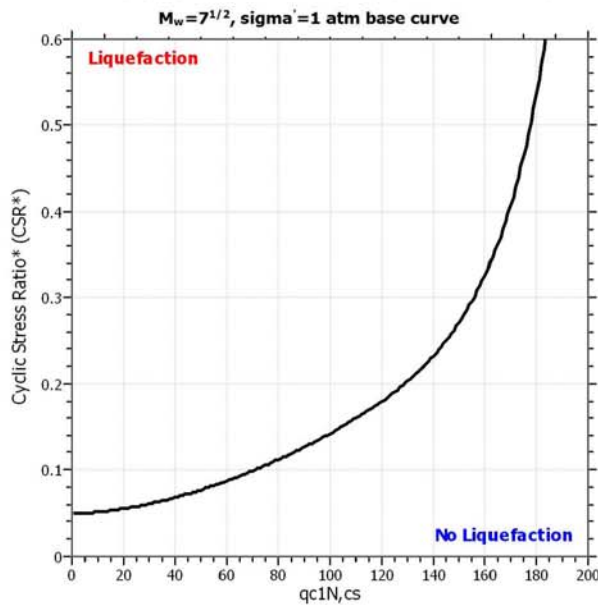
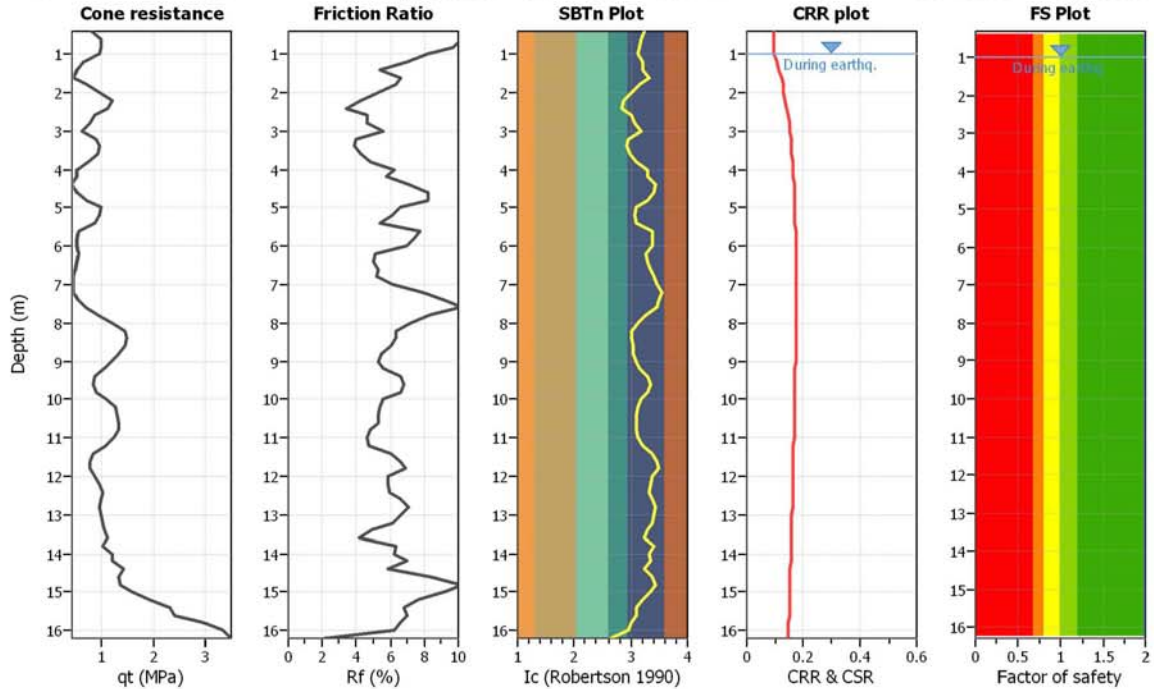
**Project title :**

**Location :**

**CPT file : 185130C994**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

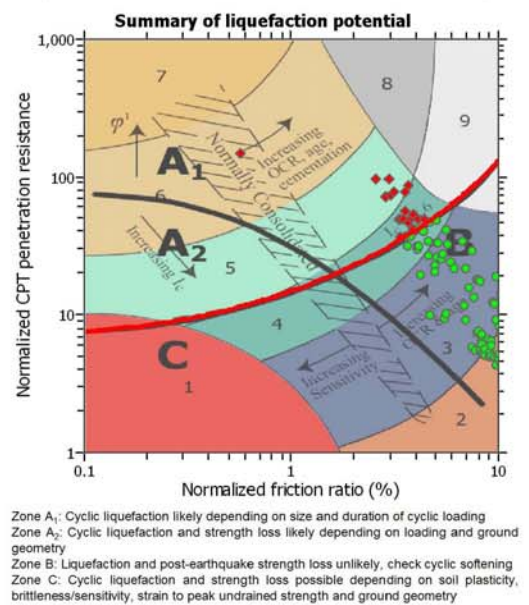
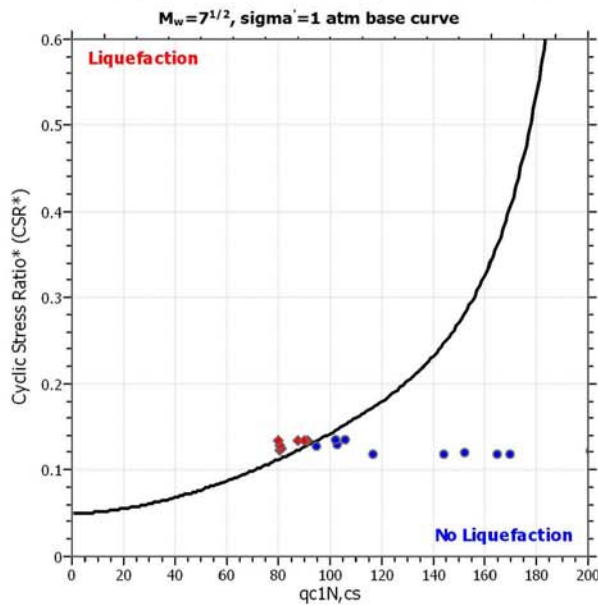
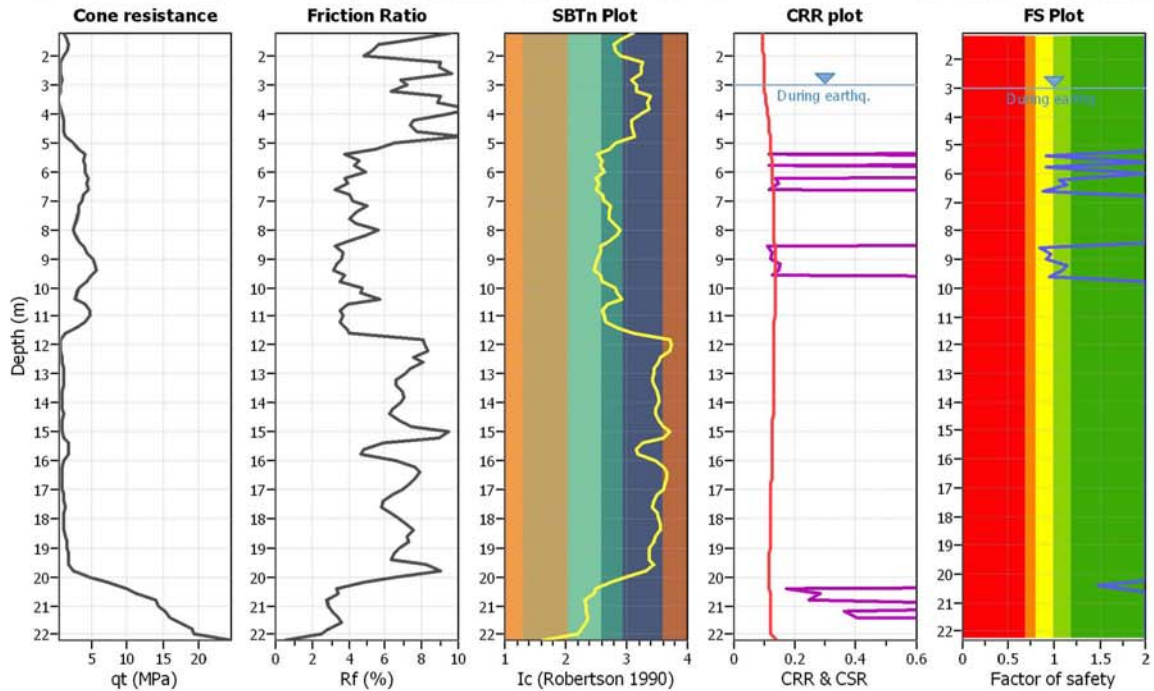
**Project title :**

**Location :**

**CPT file : 185130C995**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

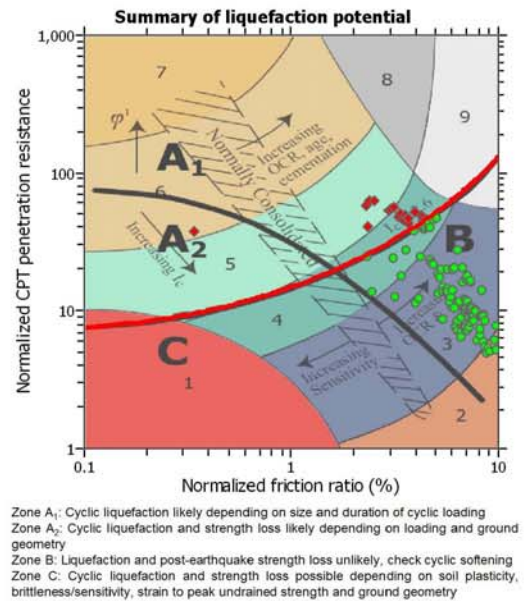
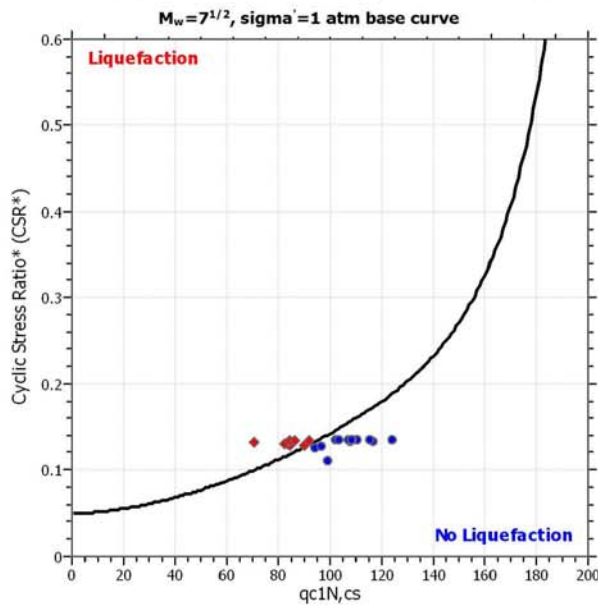
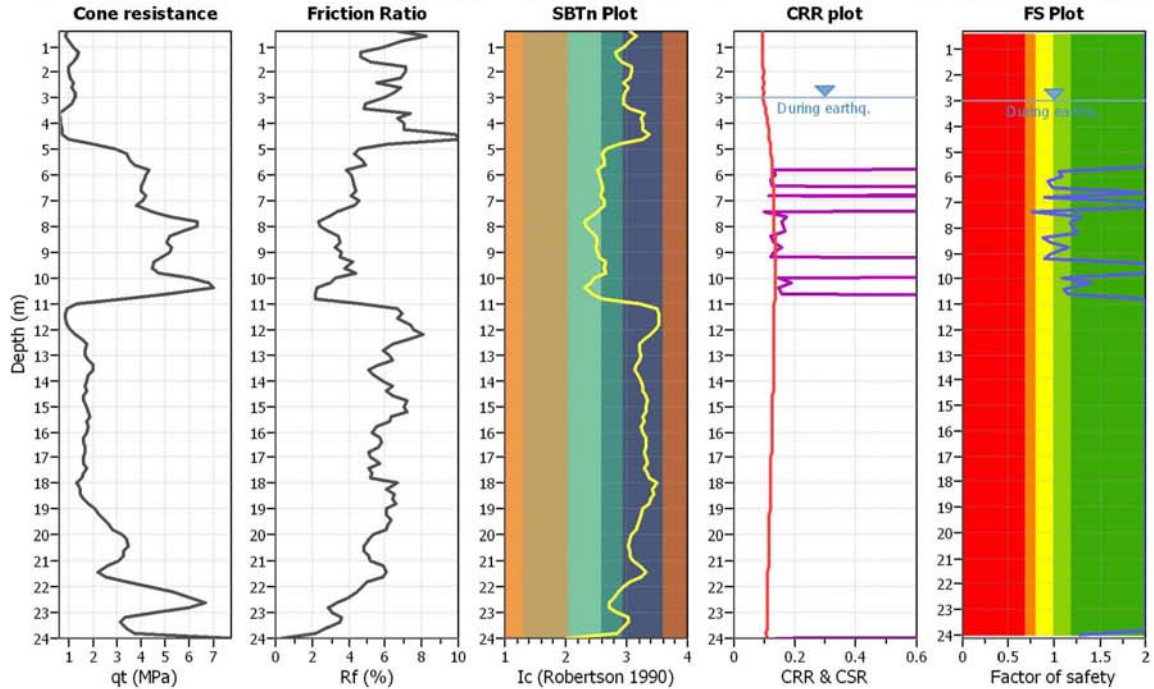
**Project title :**

**Location :**

**CPT file : 185130C996**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

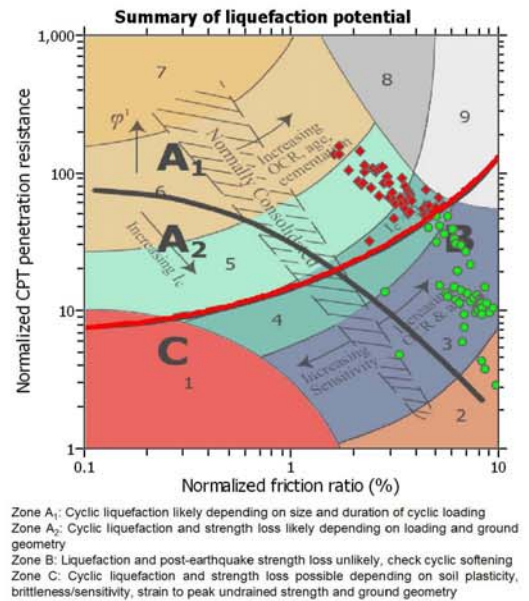
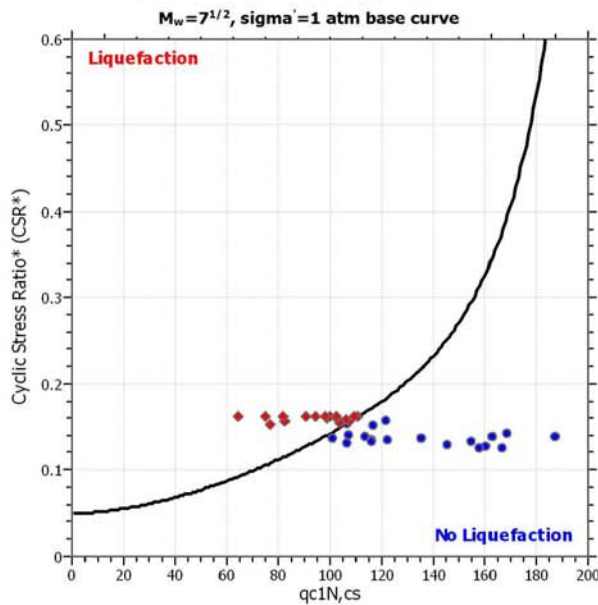
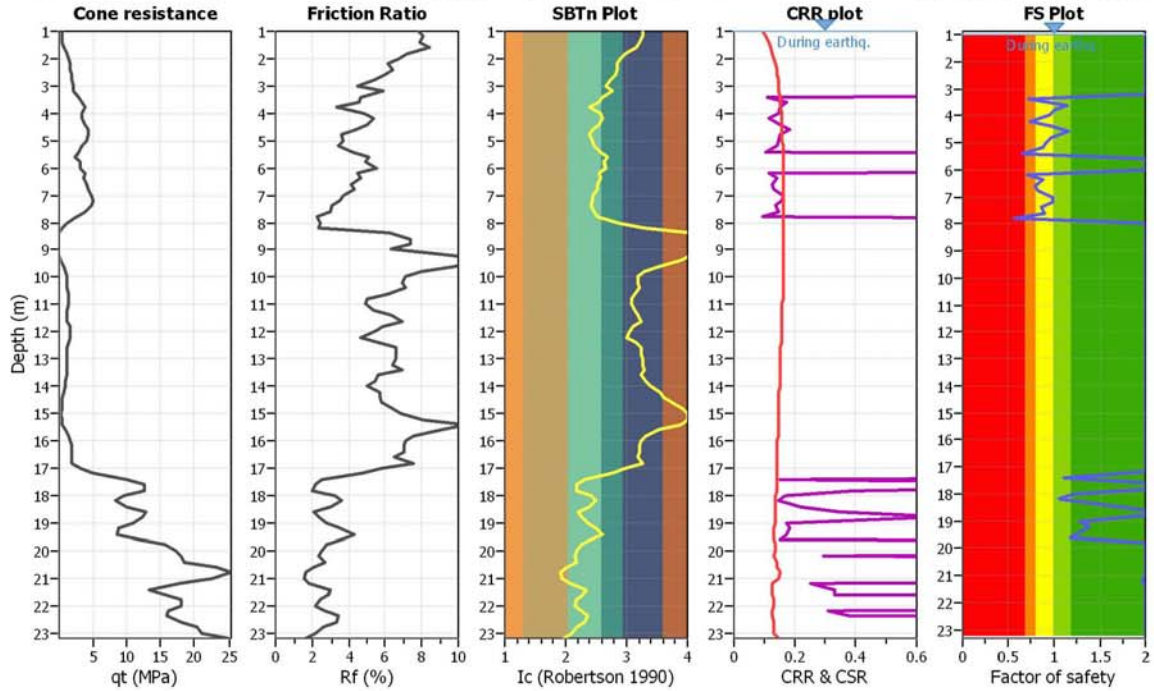
**Project title :**

**Location :**

**CPT file : 185130C997**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

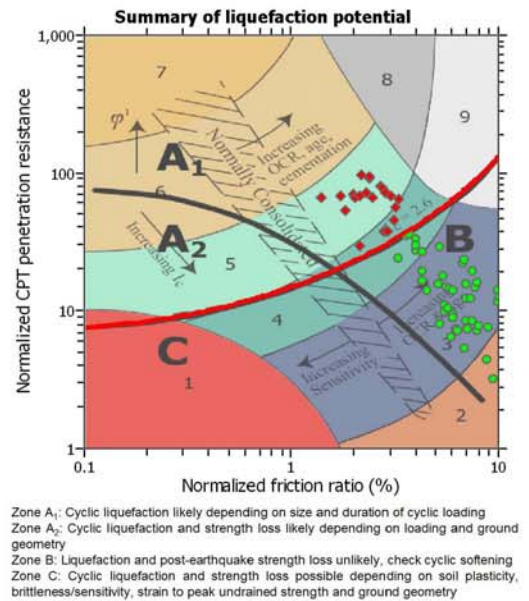
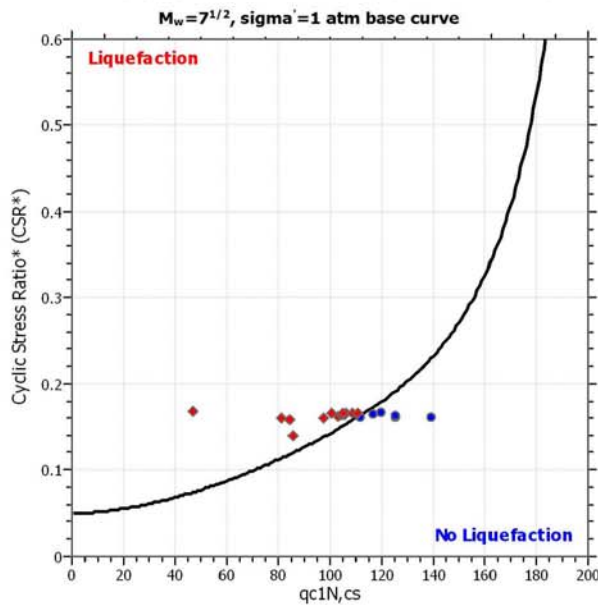
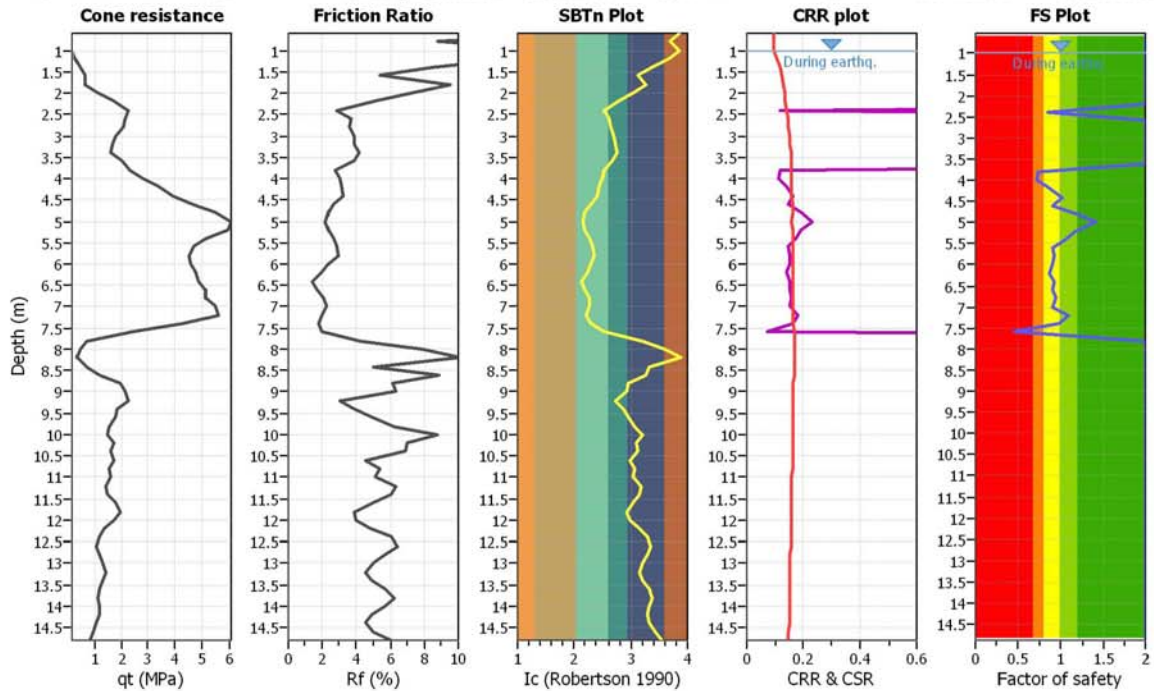
**Project title :**

**Location :**

**CPT file : 185130C998**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

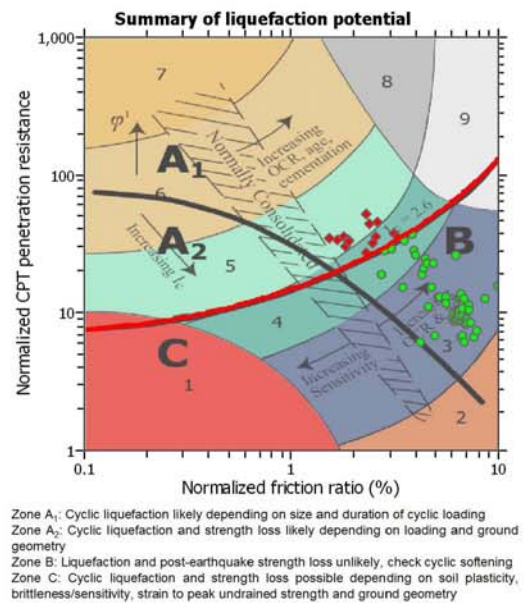
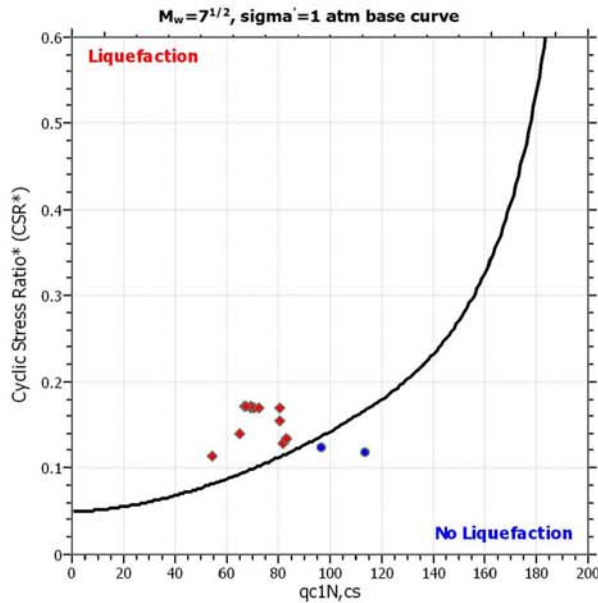
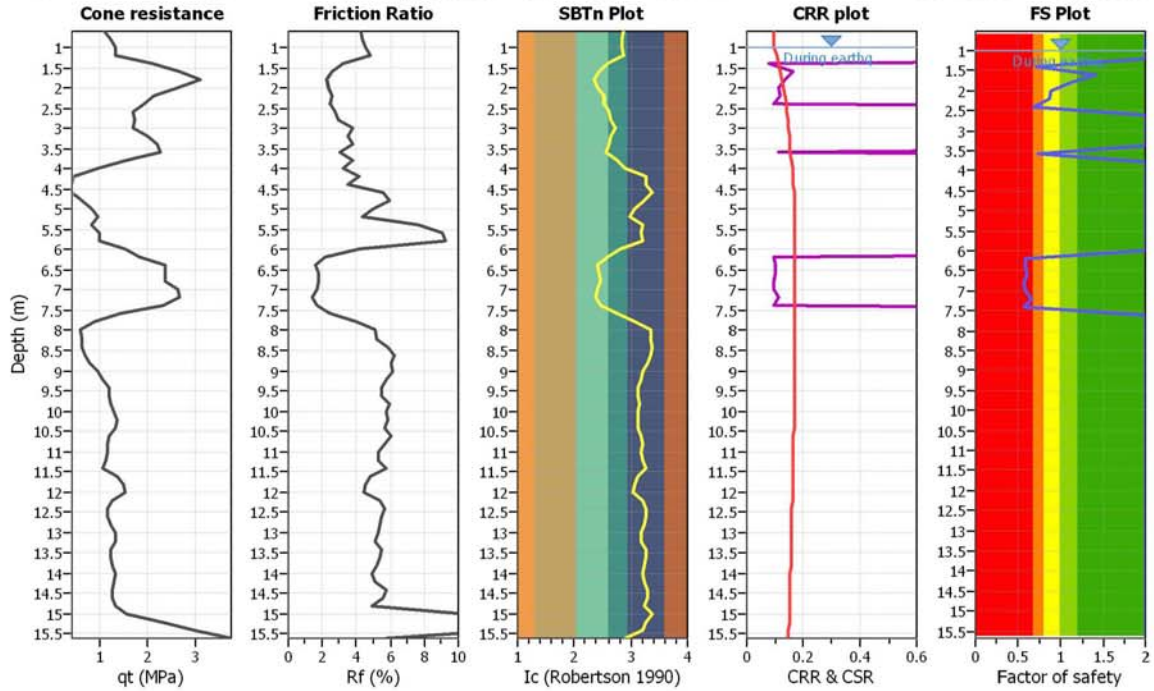
**Project title :**

**Location :**

**CPT file : 185130C999**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

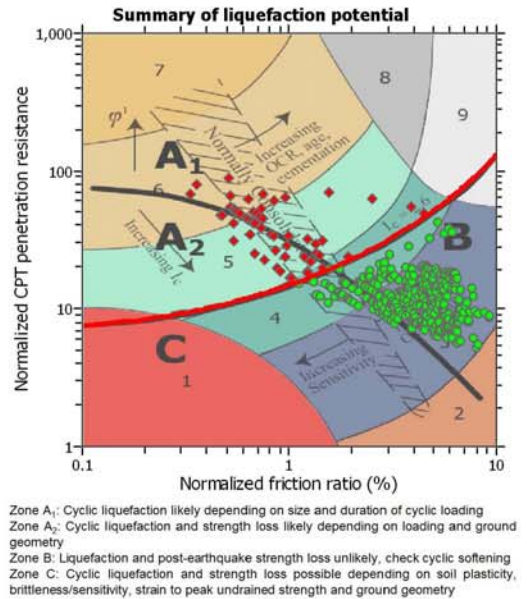
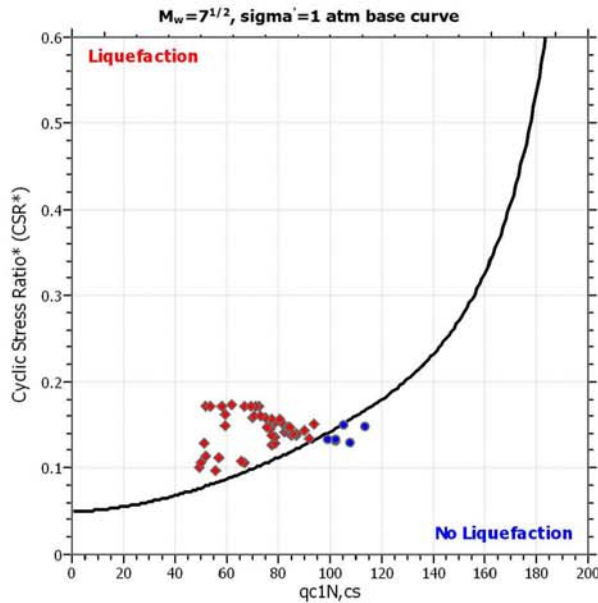
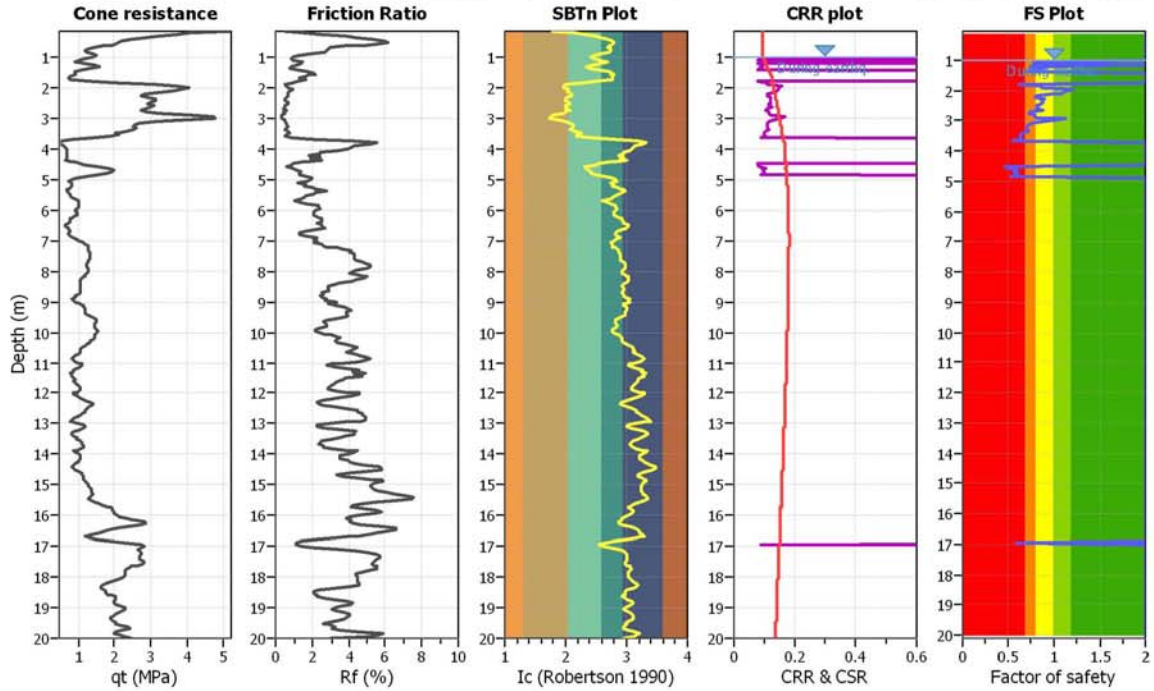
**Project title :**

**Location :**

**CPT file : 185130E040**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

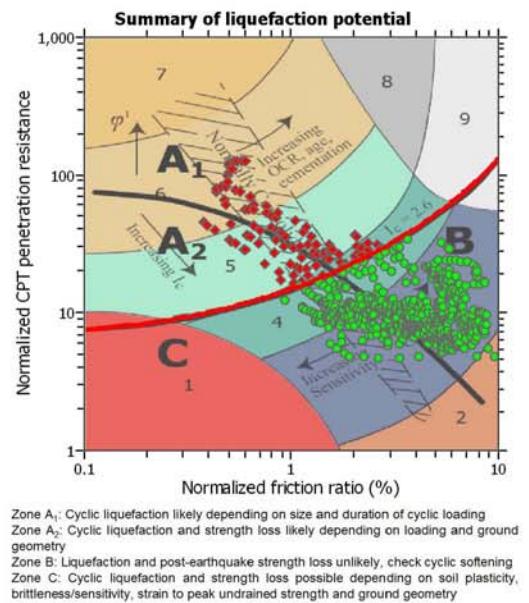
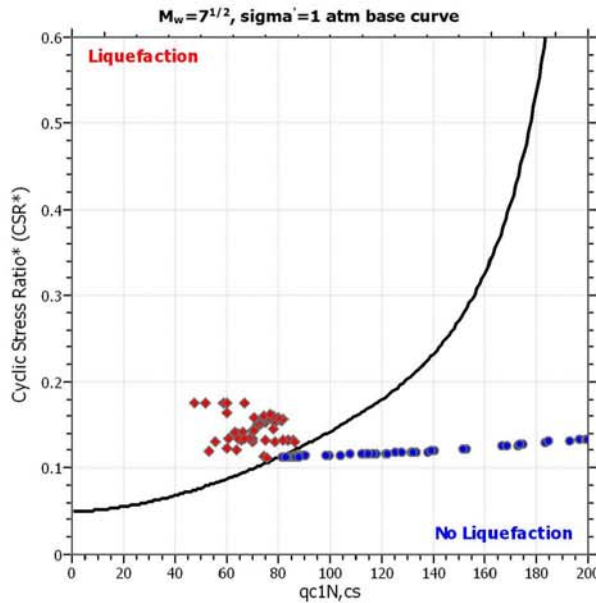
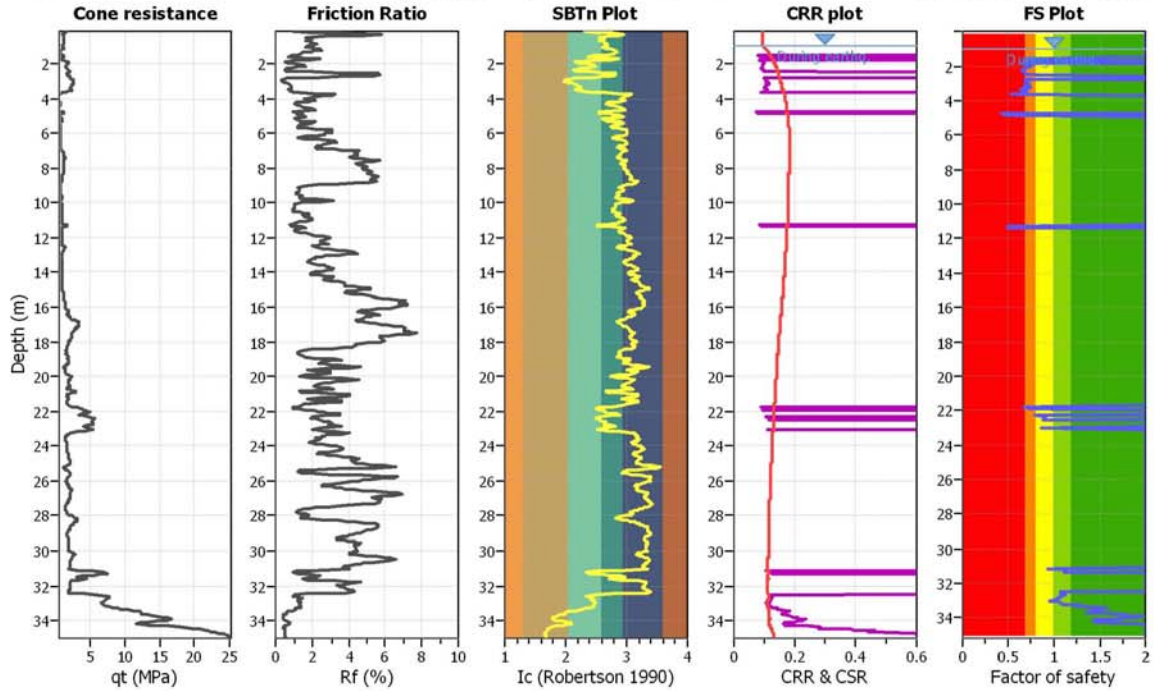
**Project title :**

**Location :**

**CPT file : 185130E042**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

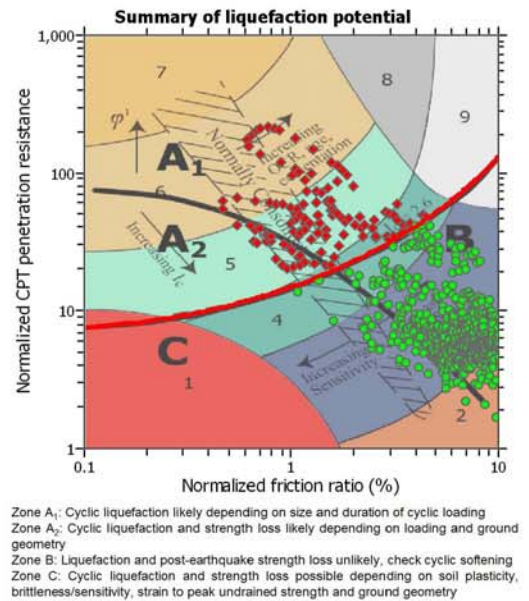
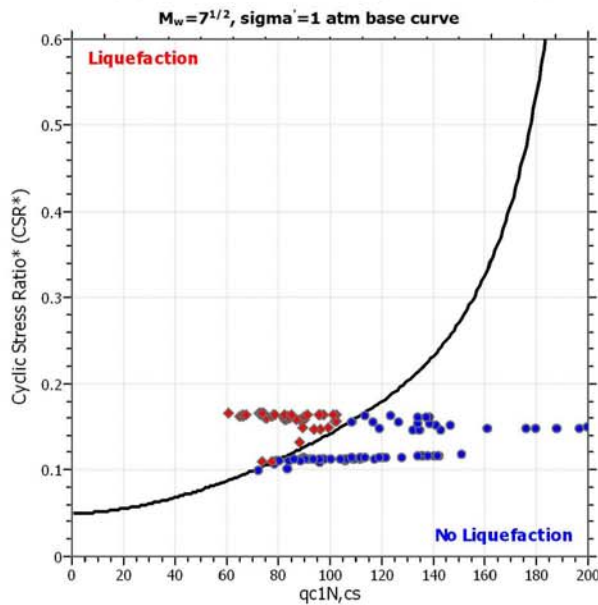
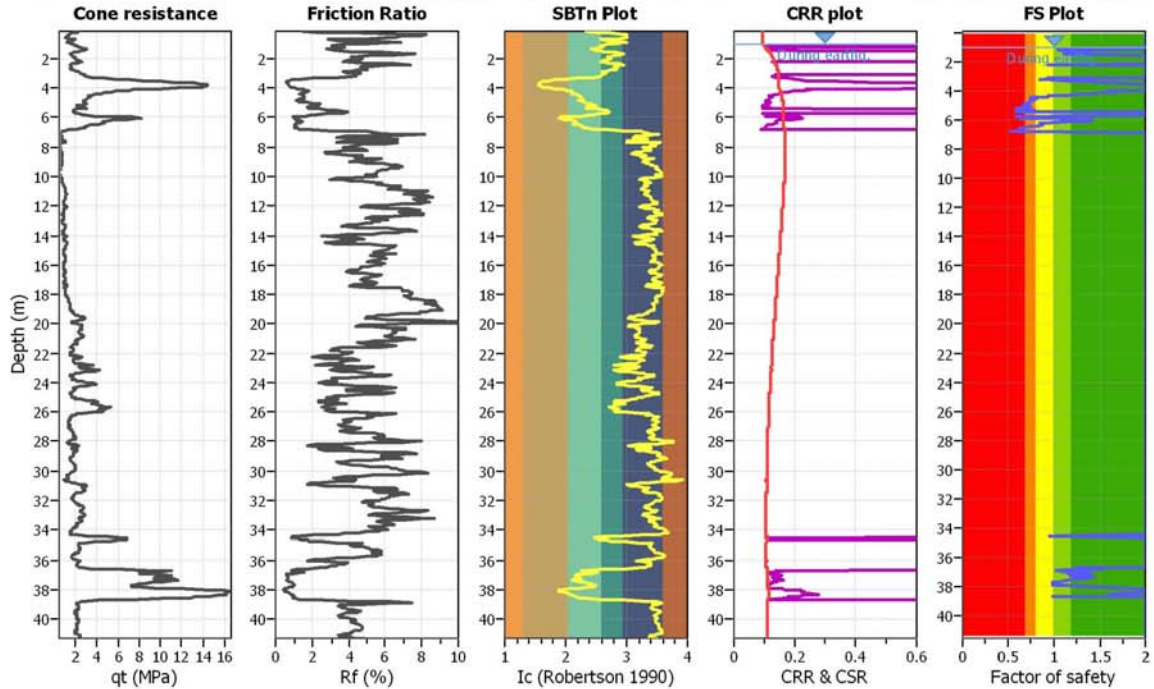
**Project title :**

**Location :**

**CPT file : 185130E044**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

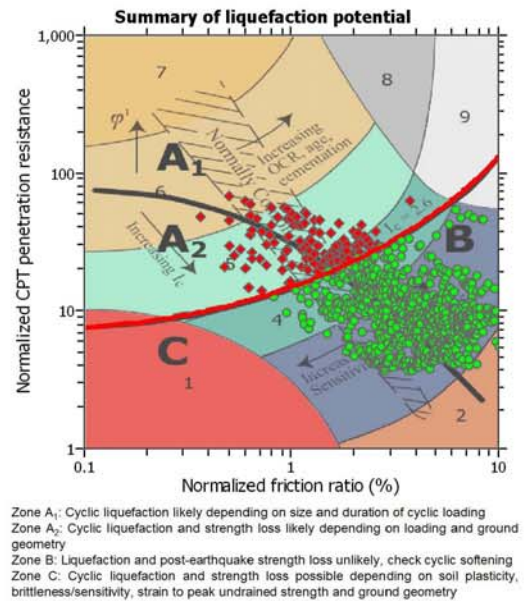
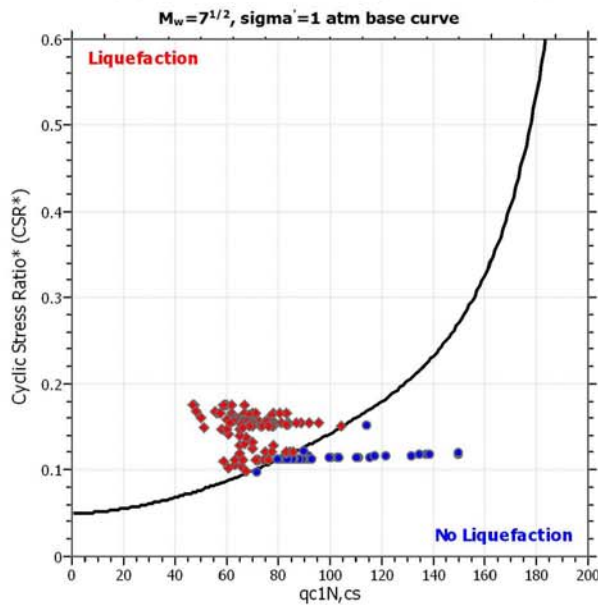
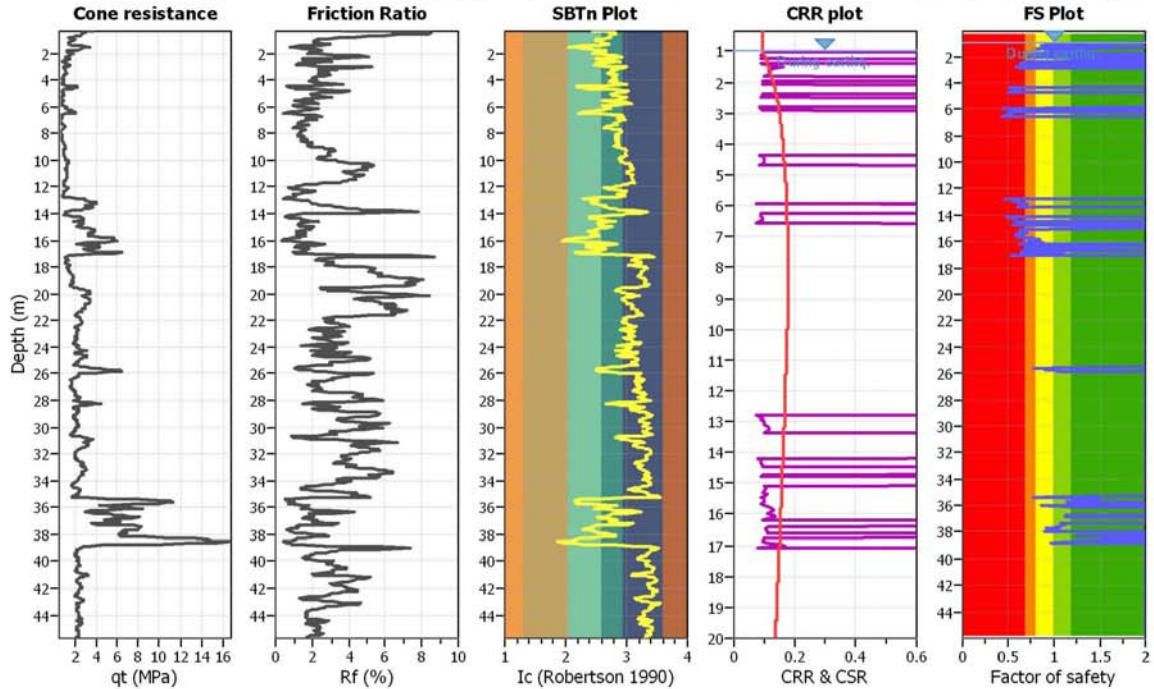
**Project title :**

**Location :**

**CPT file : 185130E045**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

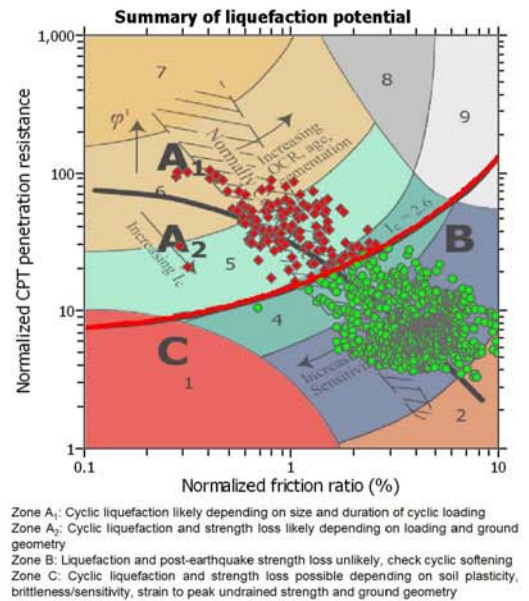
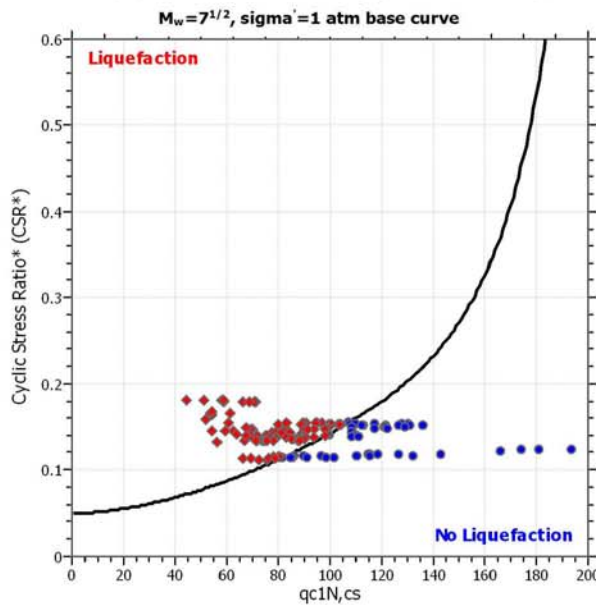
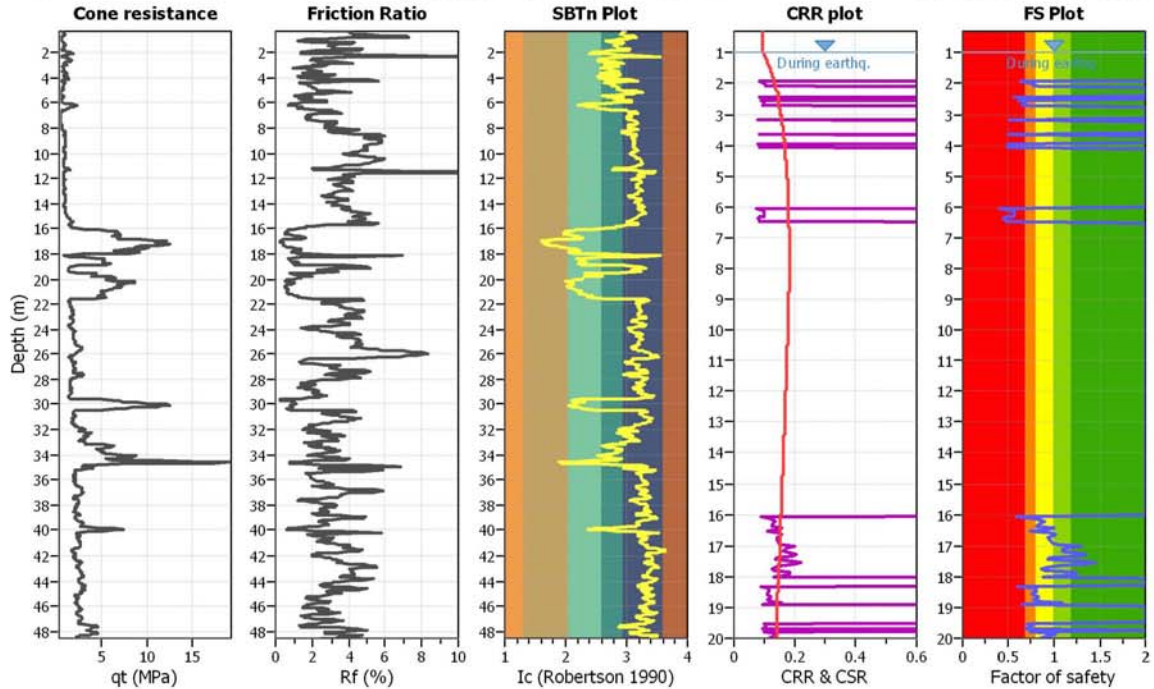
**Project title :**

**Location :**

**CPT file : 185130E427**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

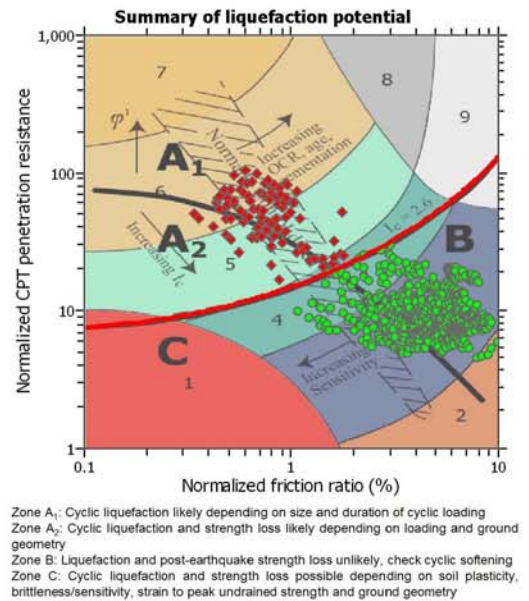
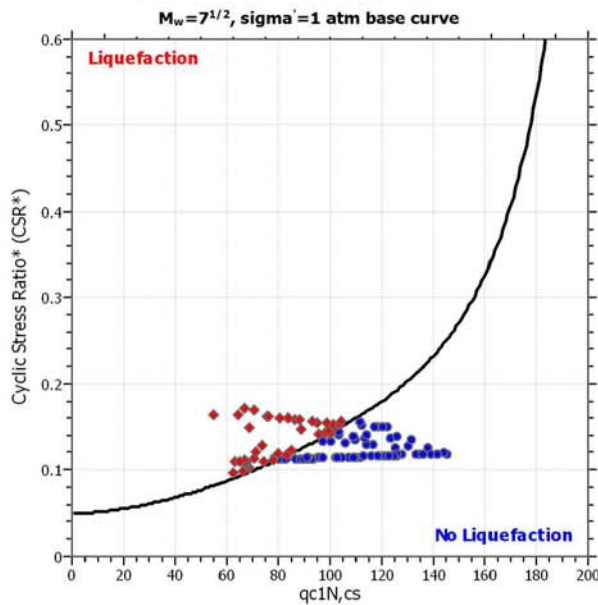
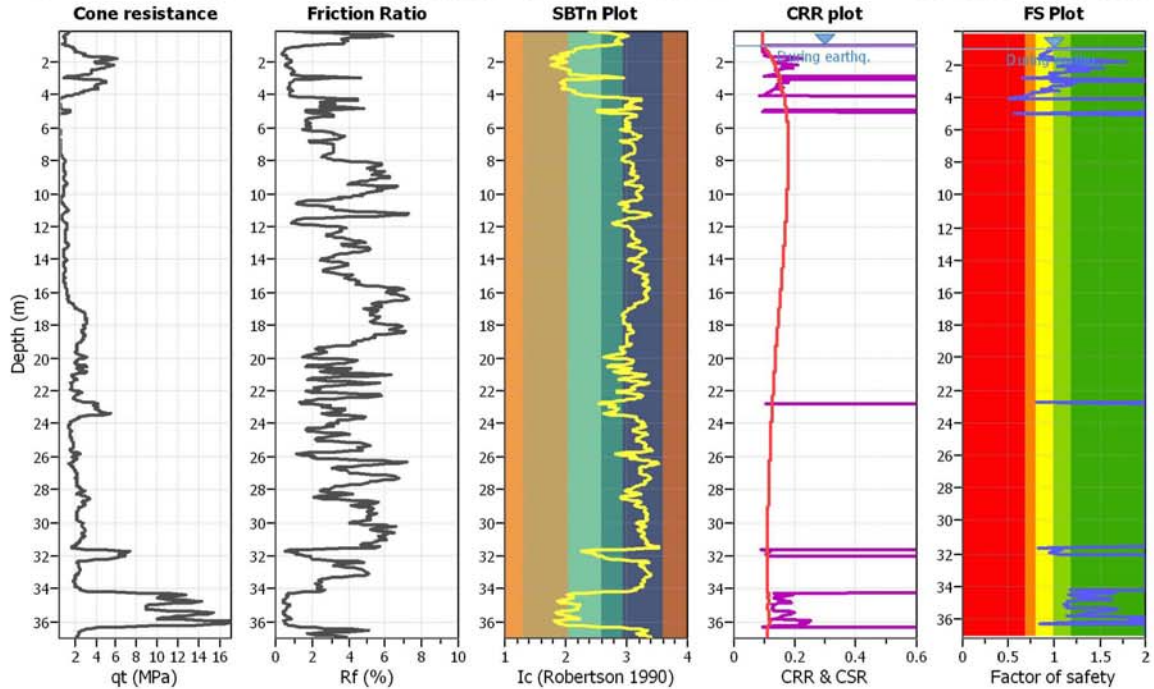
**Project title :**

**Location :**

**CPT file : 185130E430**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

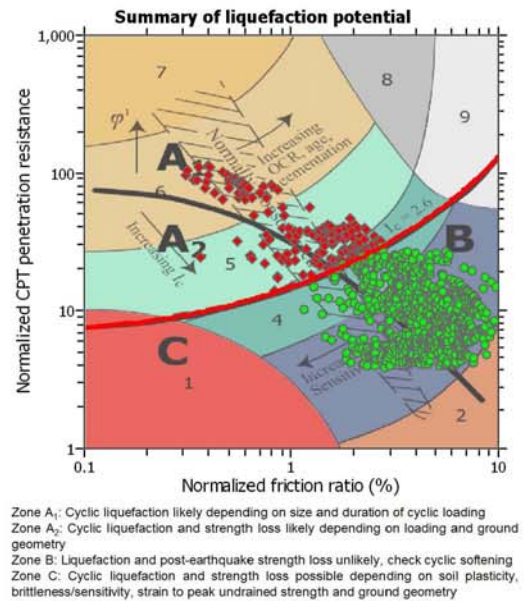
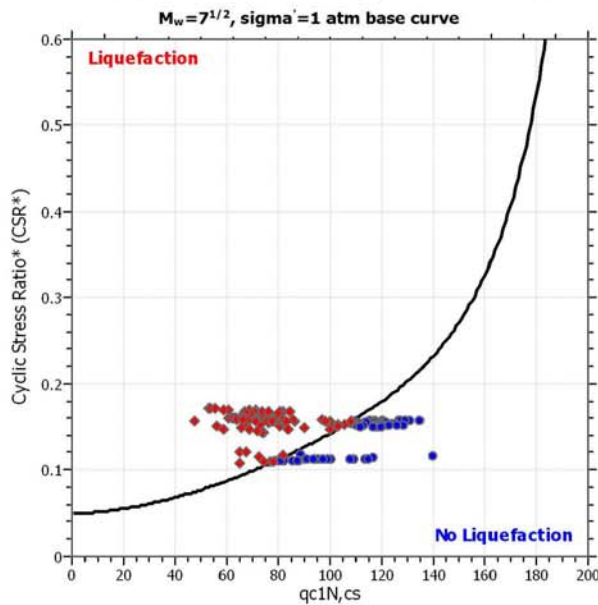
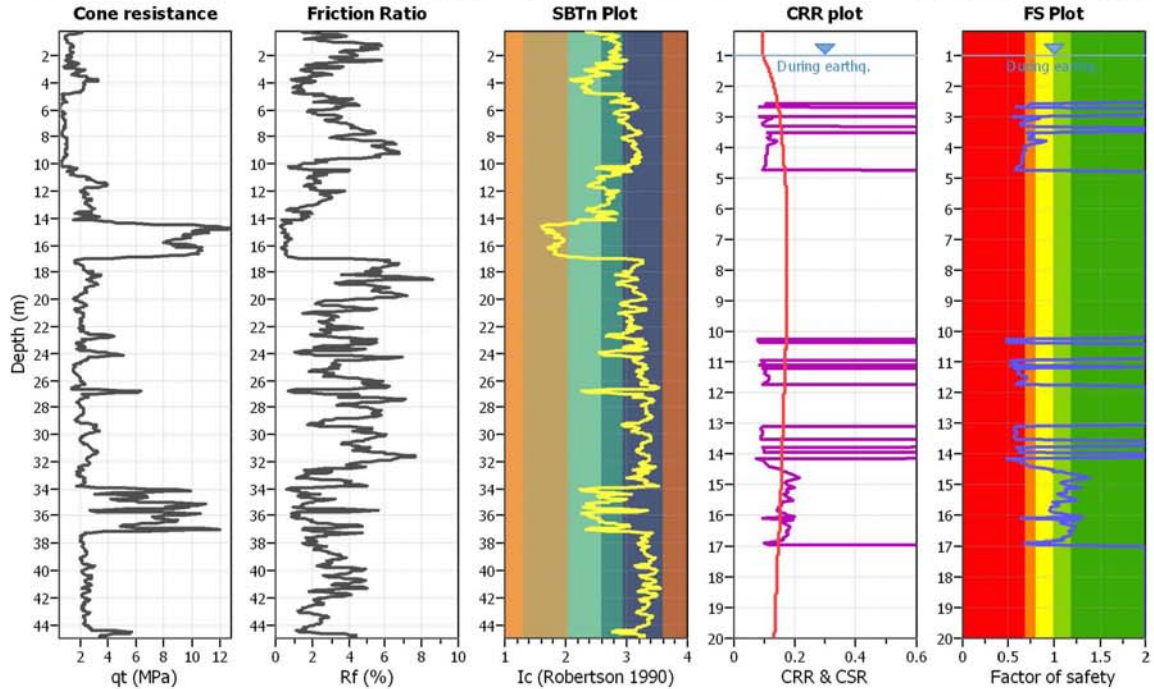
**Project title :**

**Location :**

**CPT file : 185130E431**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

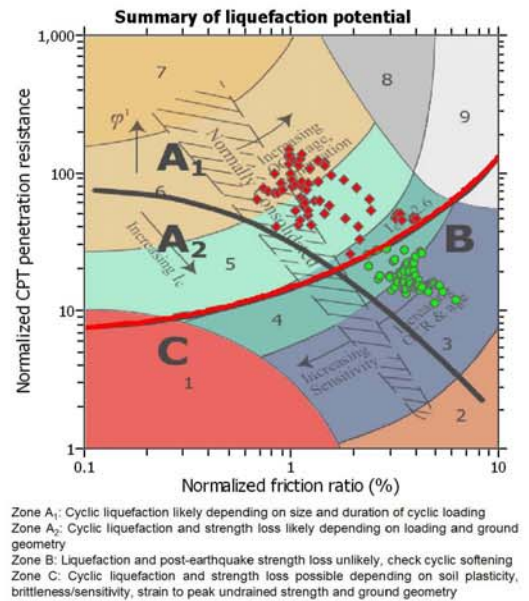
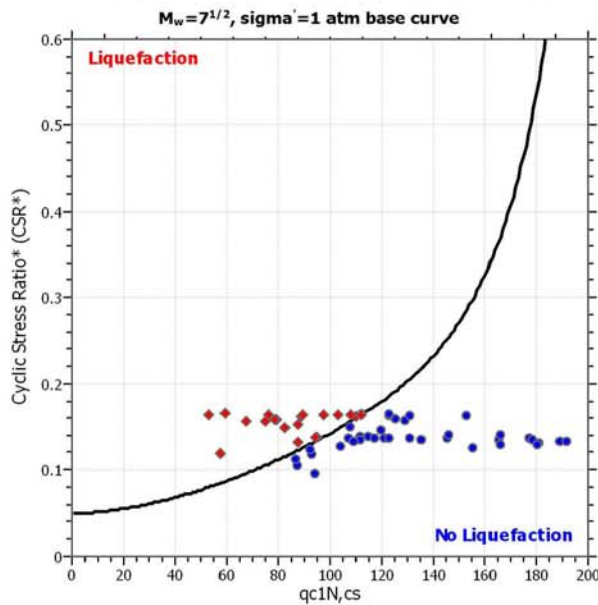
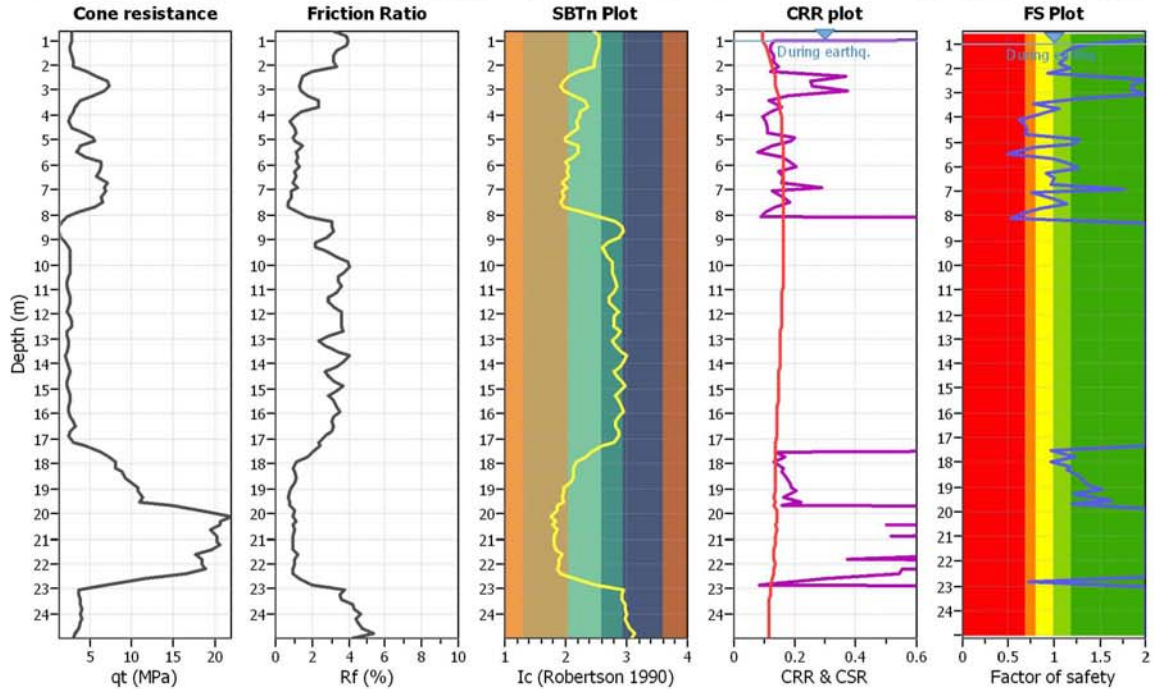
**Project title :**

**Location :**

**CPT file : 185130E432**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

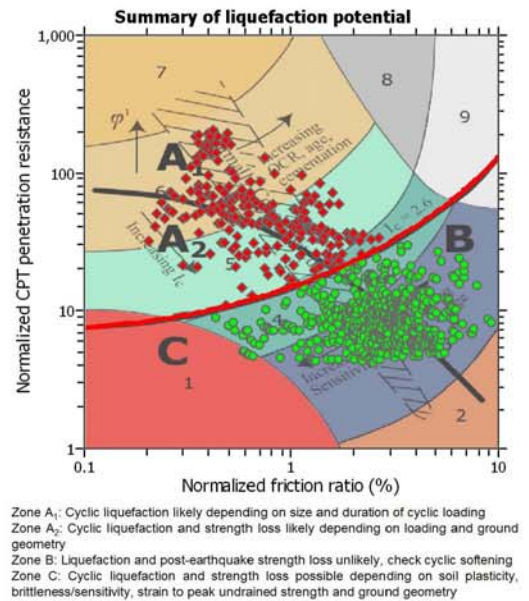
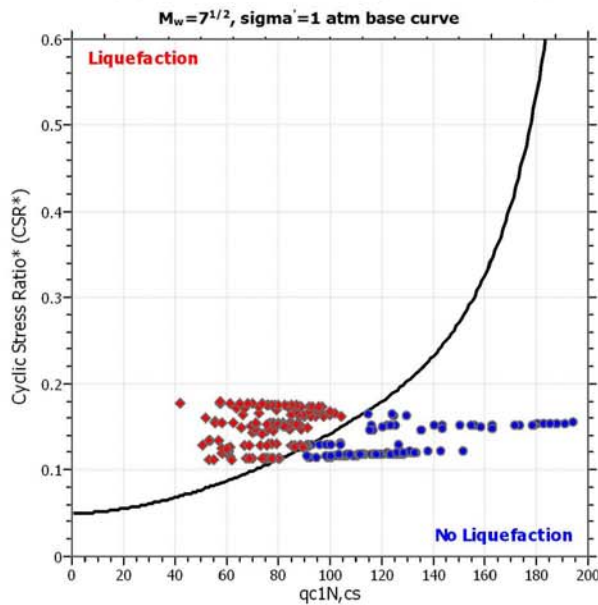
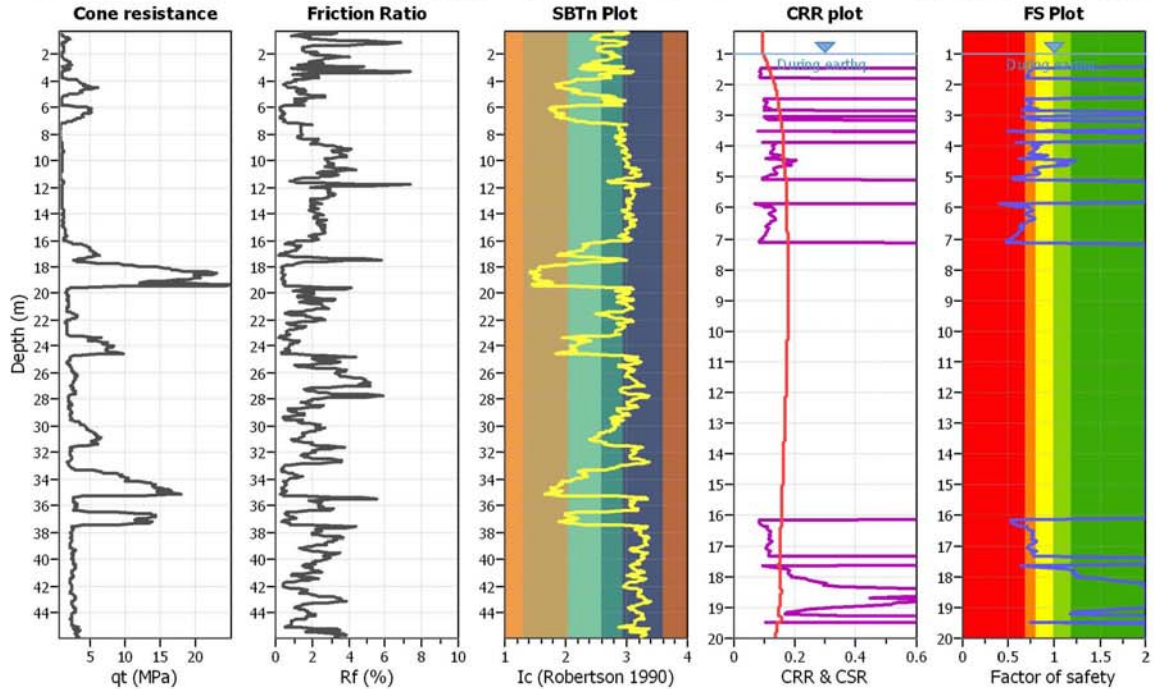
**Project title :**

**Location :**

**CPT file : 185130E433**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

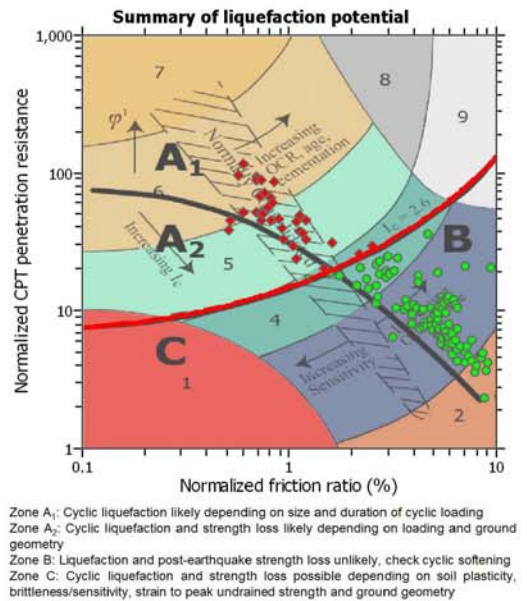
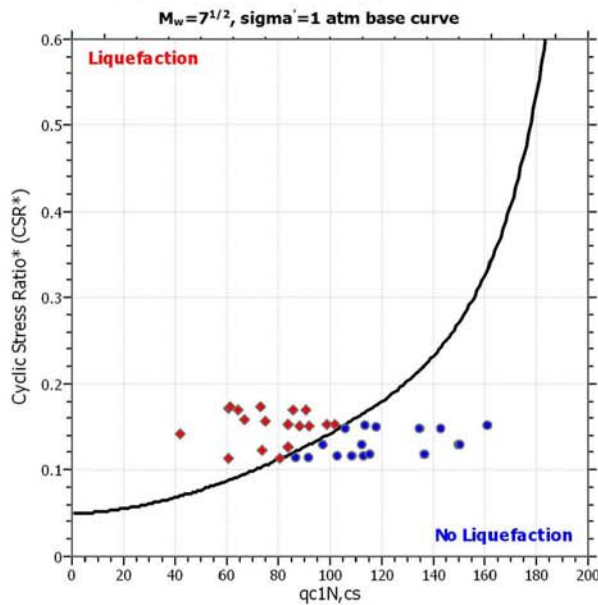
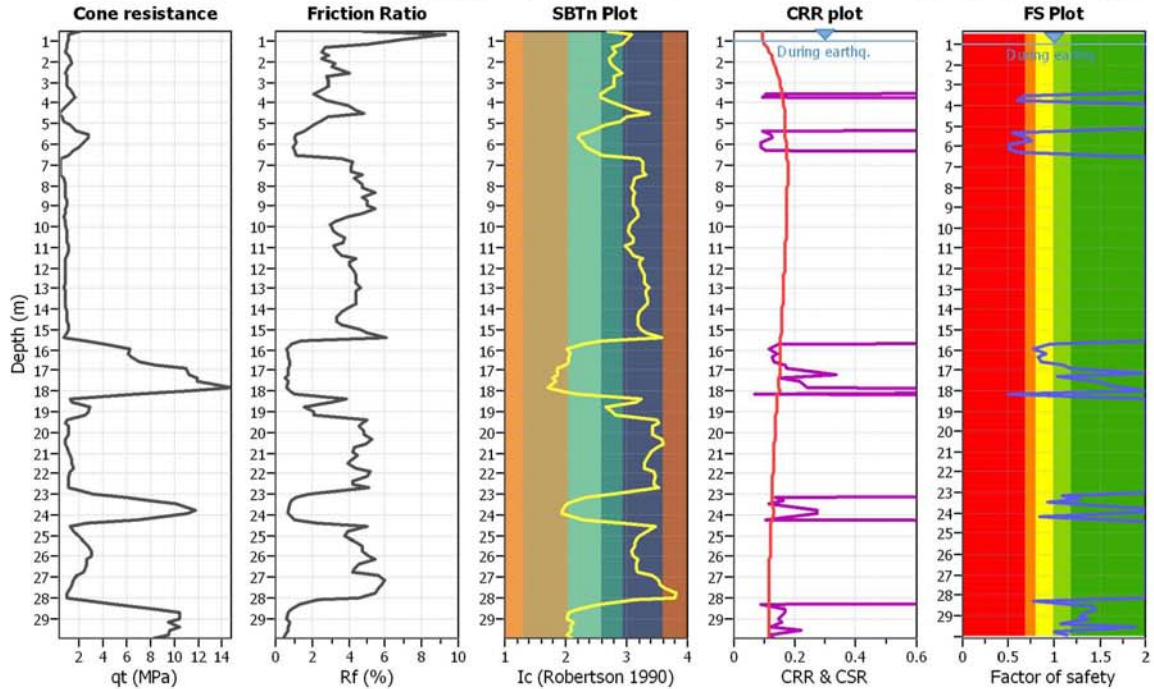
**Project title :**

**Location :**

**CPT file : 185130E434**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

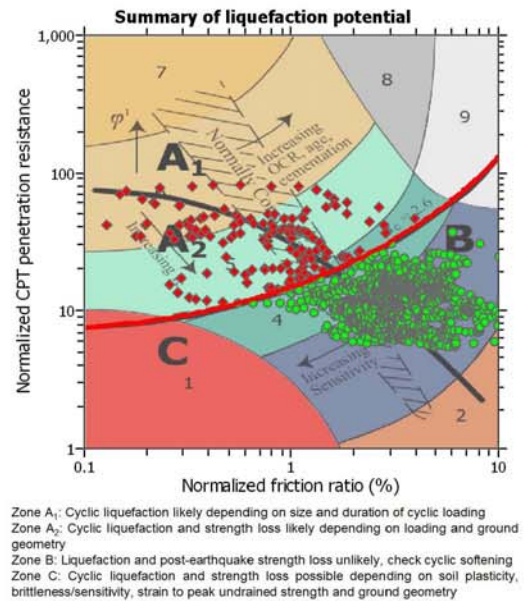
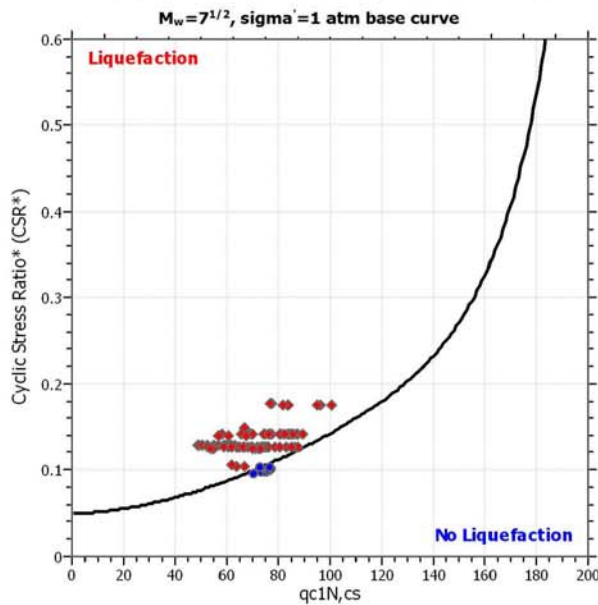
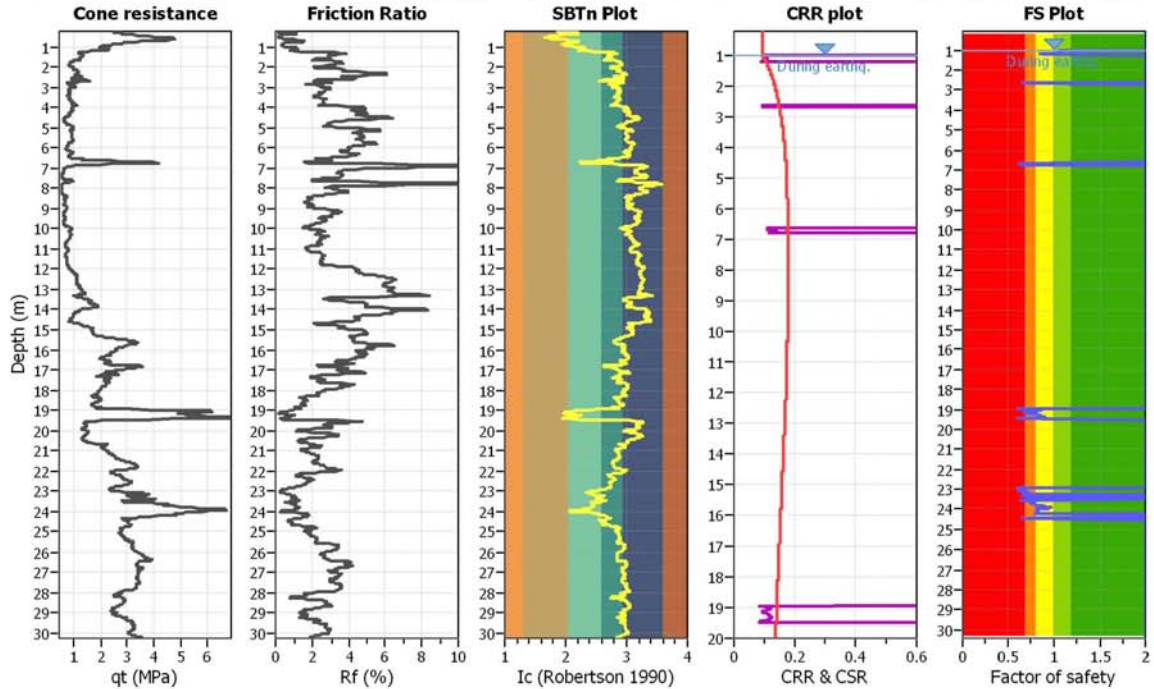
**Project title :**

**Location :**

**CPT file : 185130U004**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

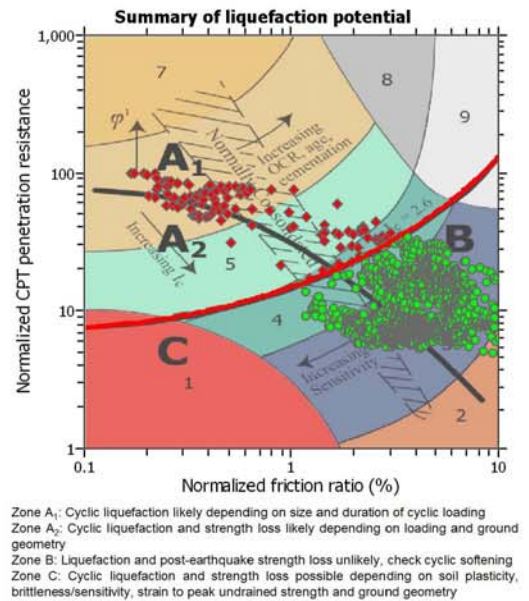
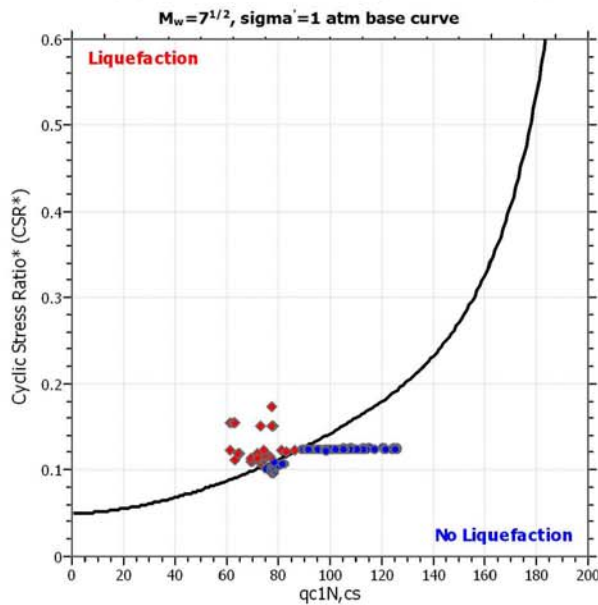
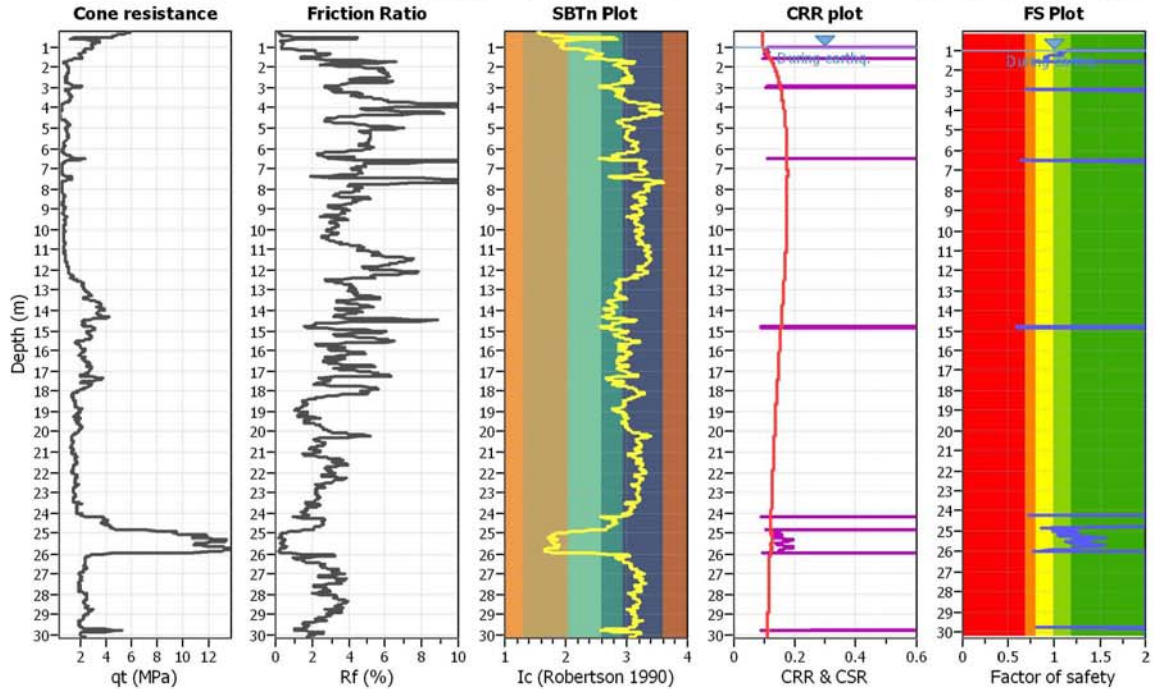
**Project title :**

**Location :**

**CPT file : 185130U005**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

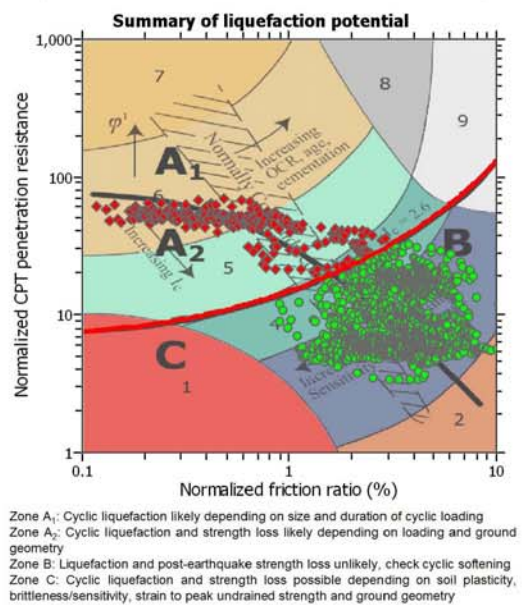
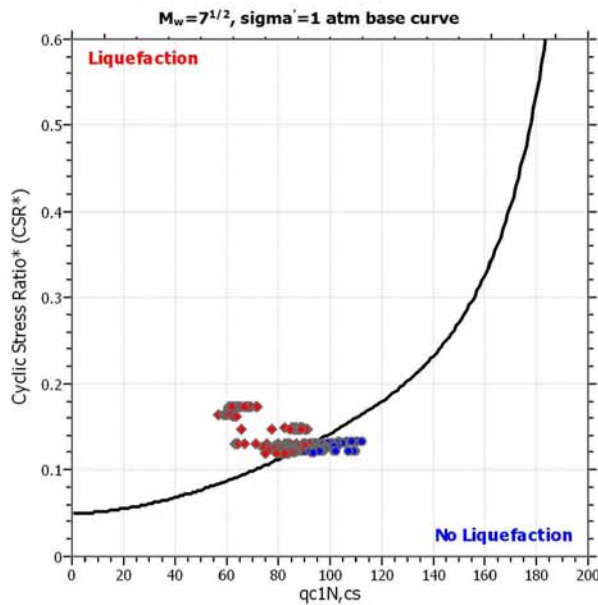
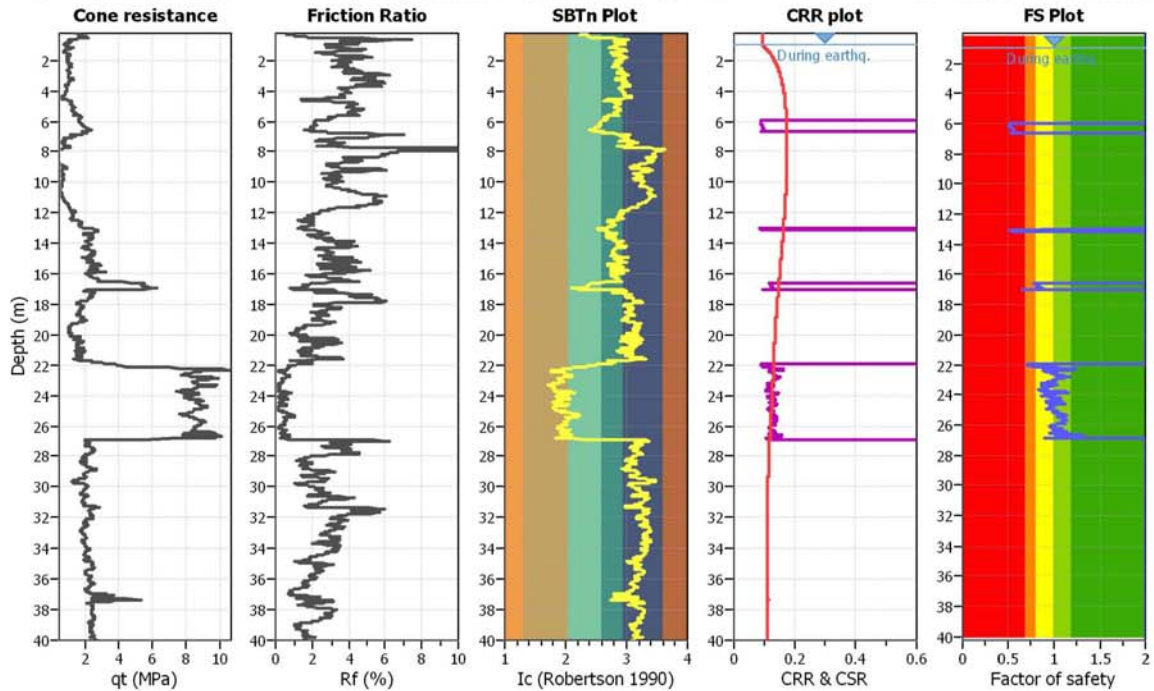
**Project title :**

**Location :**

**CPT file : 185130U006**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

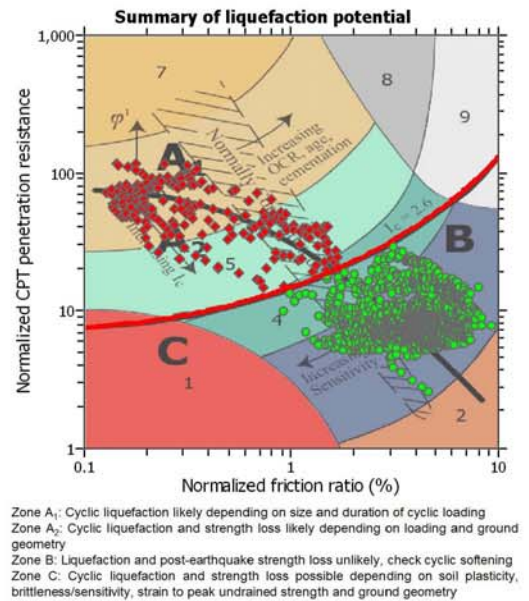
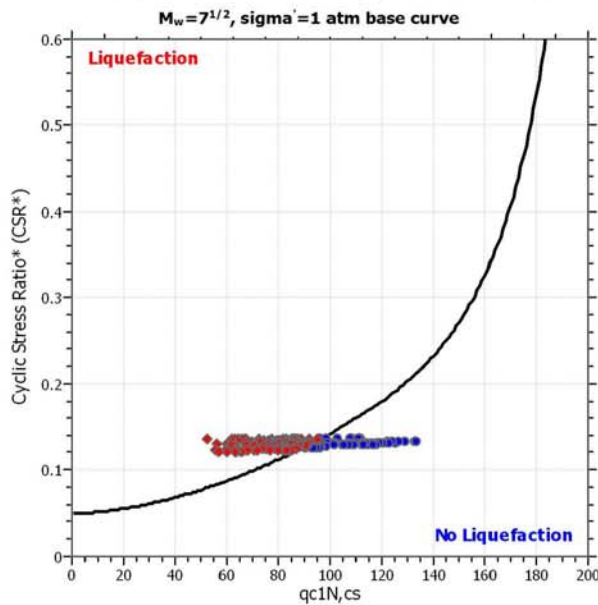
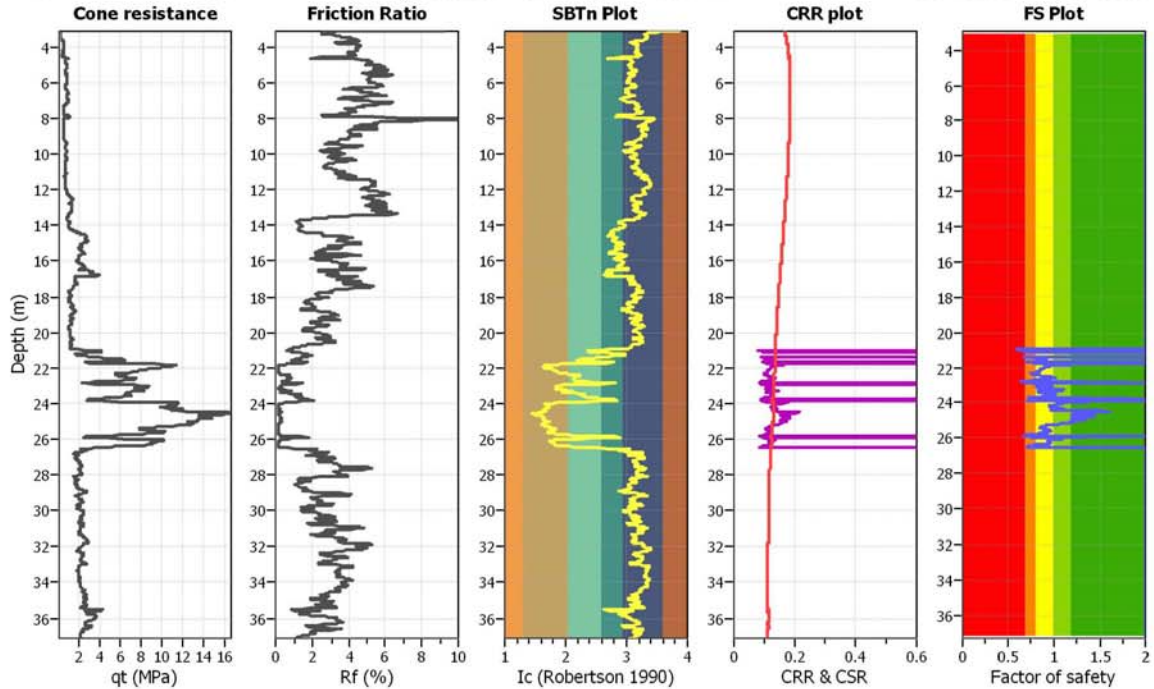
**Project title :**

**Location :**

**CPT file : 185130U007**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

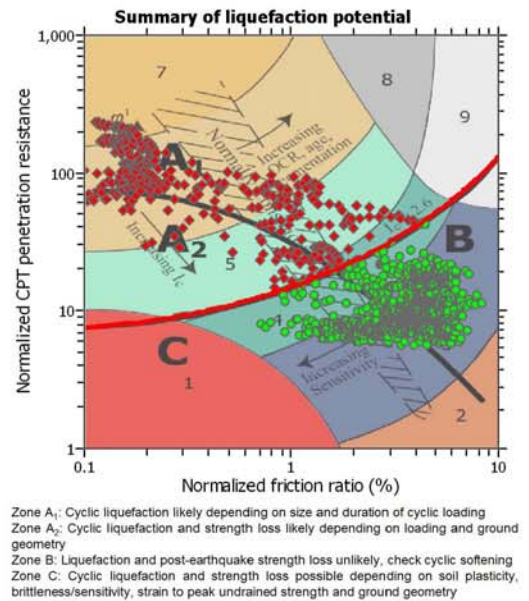
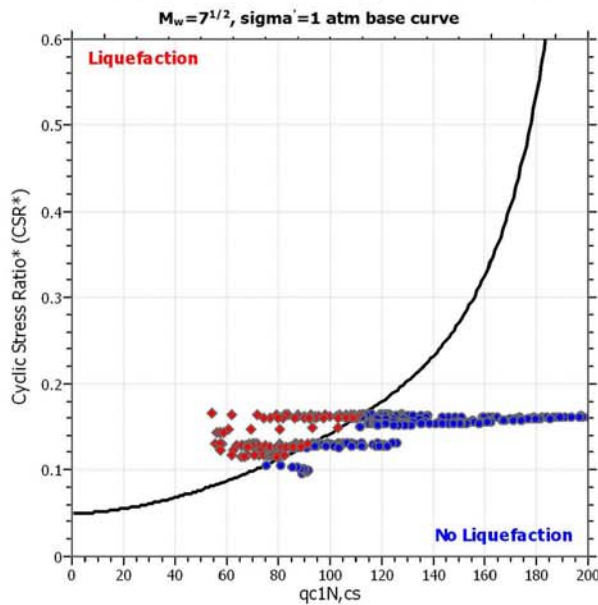
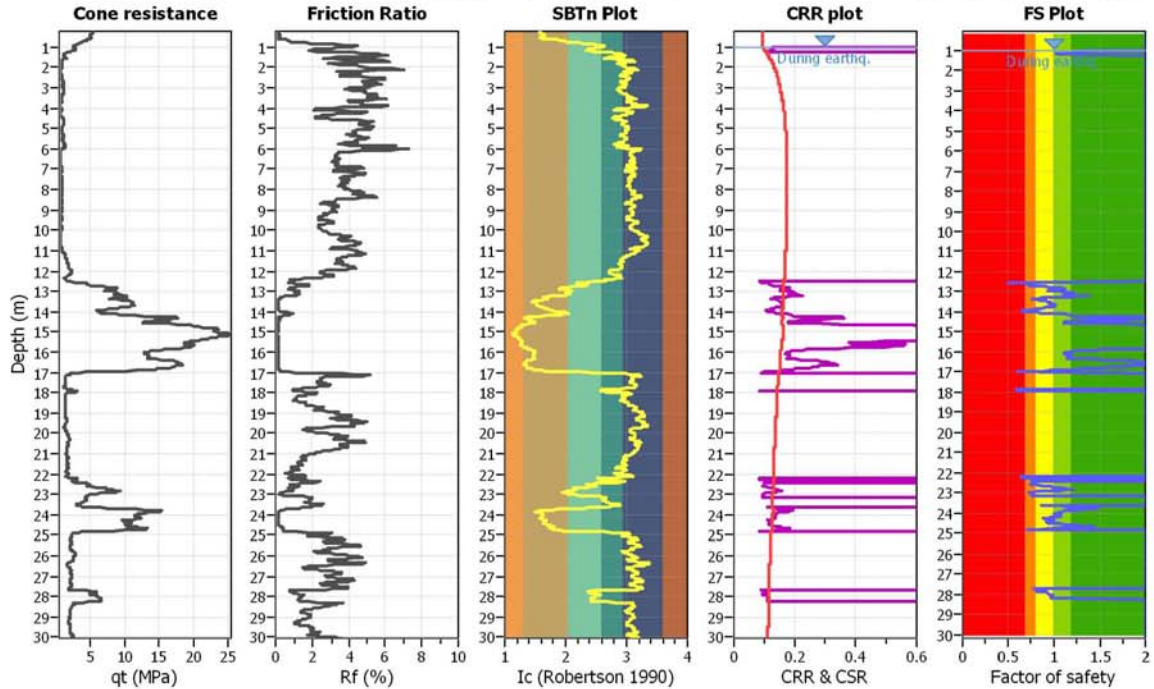
**Project title :**

**Location :**

**CPT file : 185130U008**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone B: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone C: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry



**LIQUEFACTION ANALYSIS REPORT**

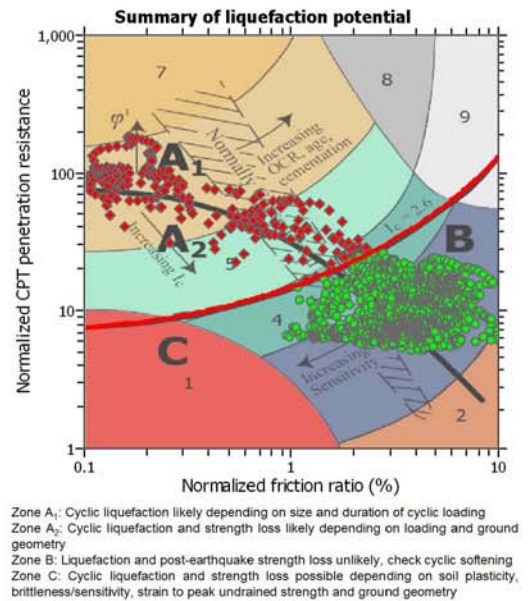
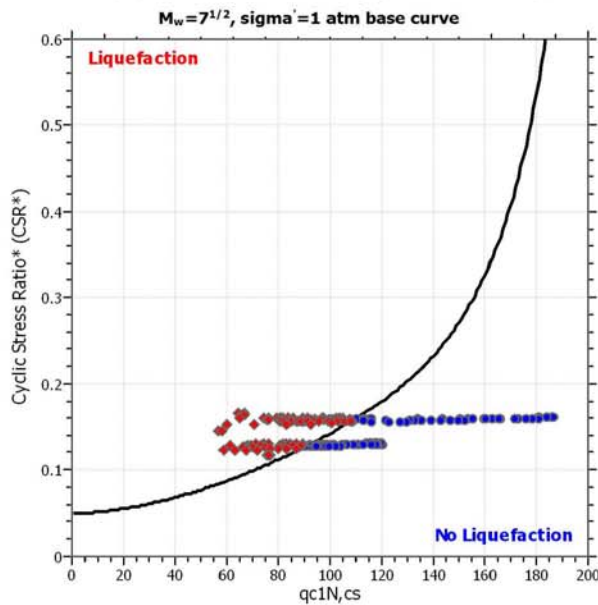
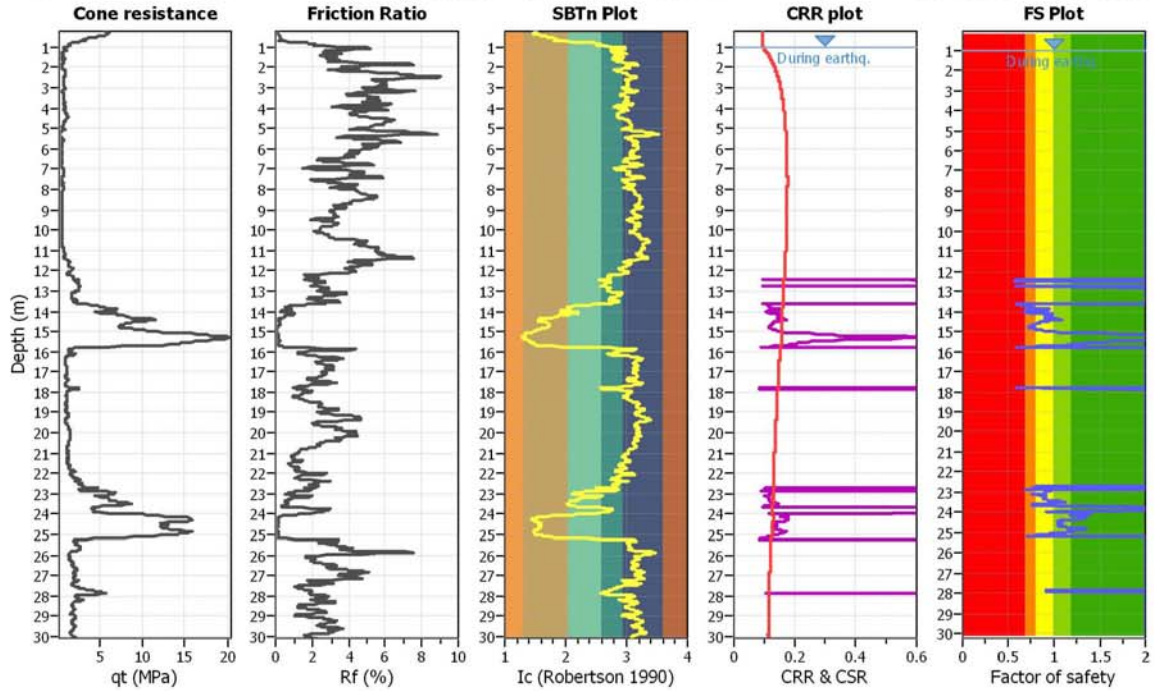
**Project title :**

**Location :**

**CPT file : 185130U09**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

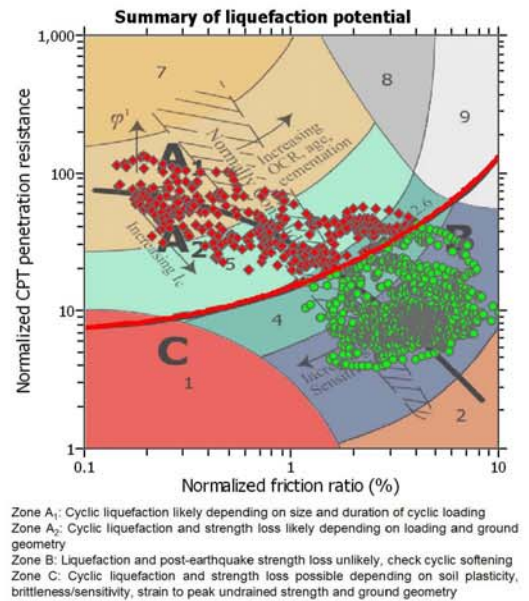
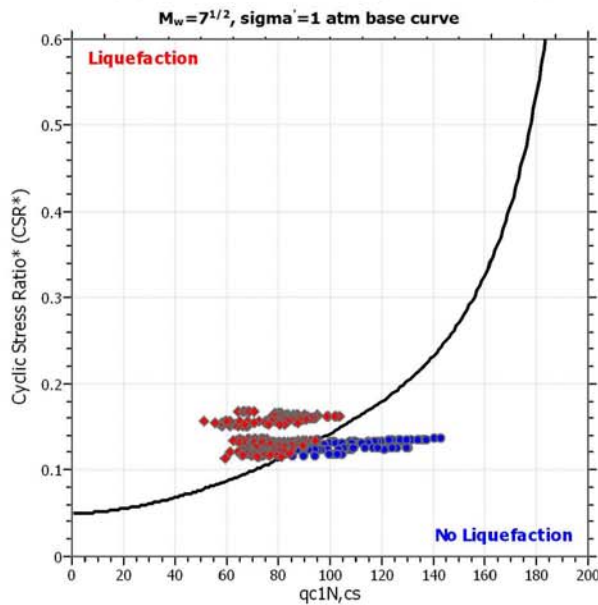
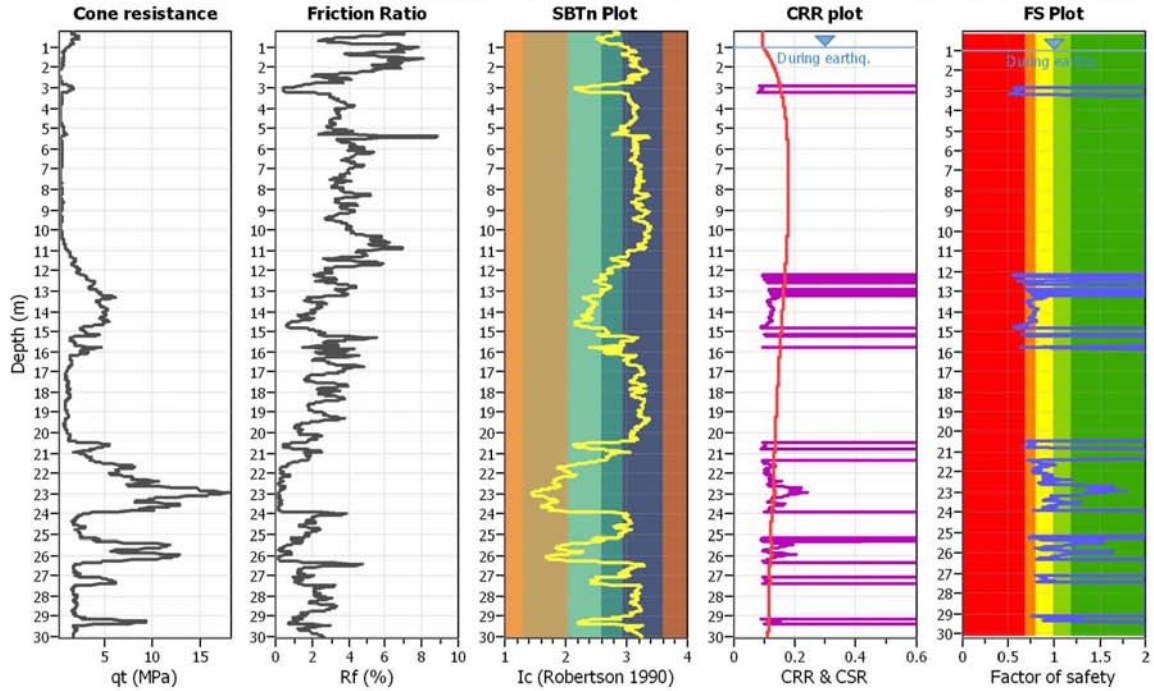
**Project title :**

**Location :**

**CPT file : 185130U010**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

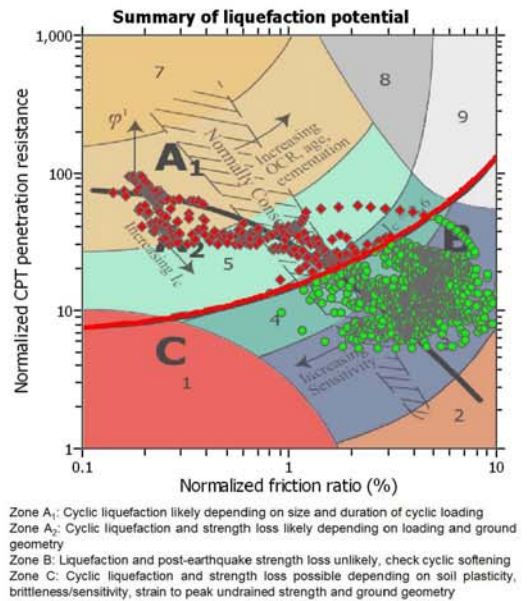
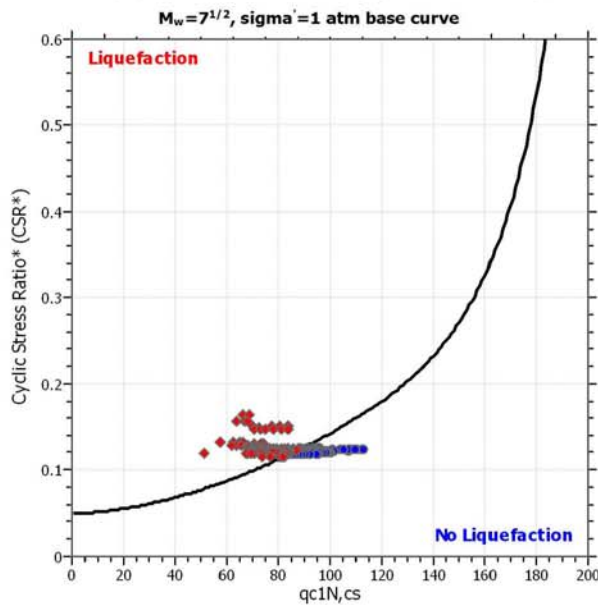
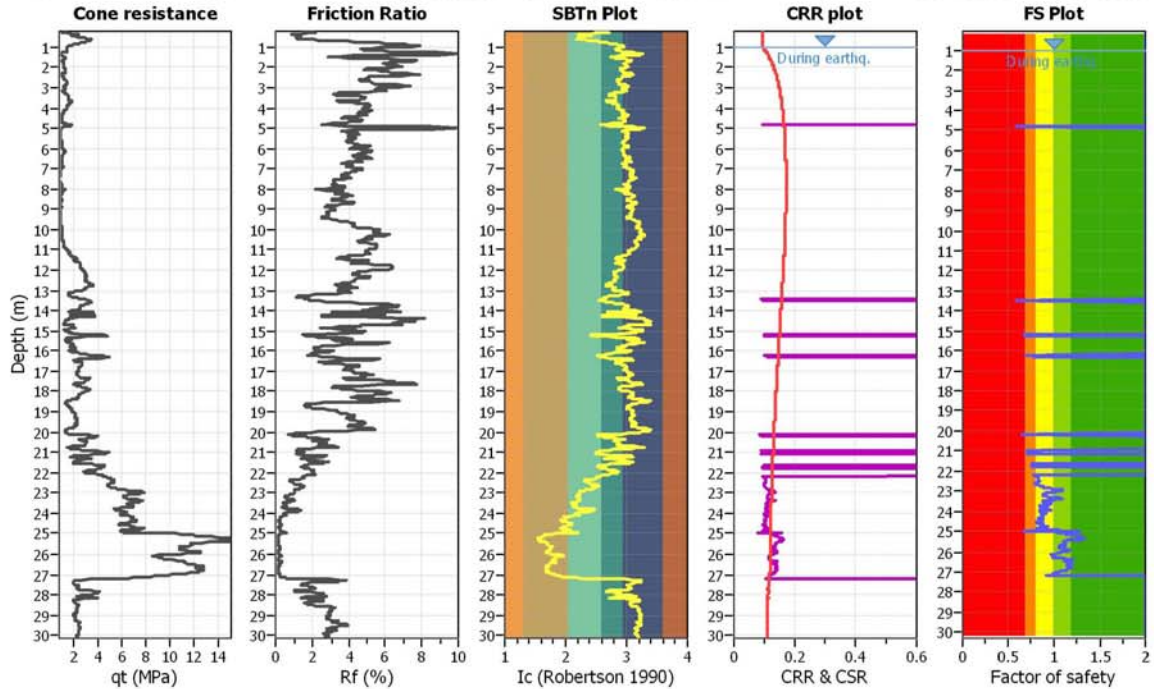
**Project title :**

**Location :**

**CPT file : 185130U011**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

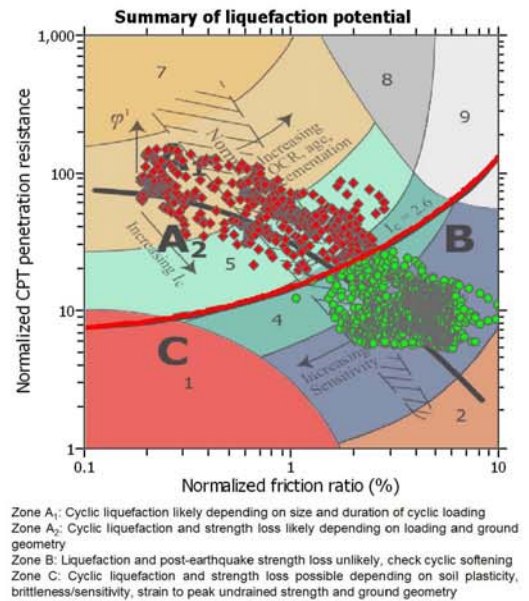
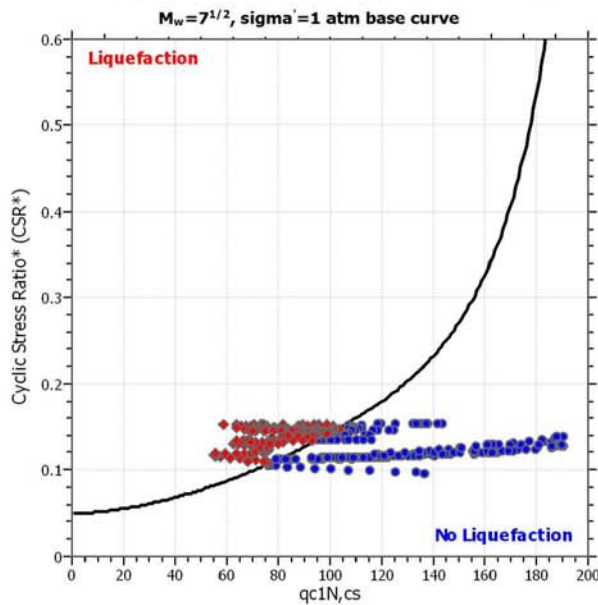
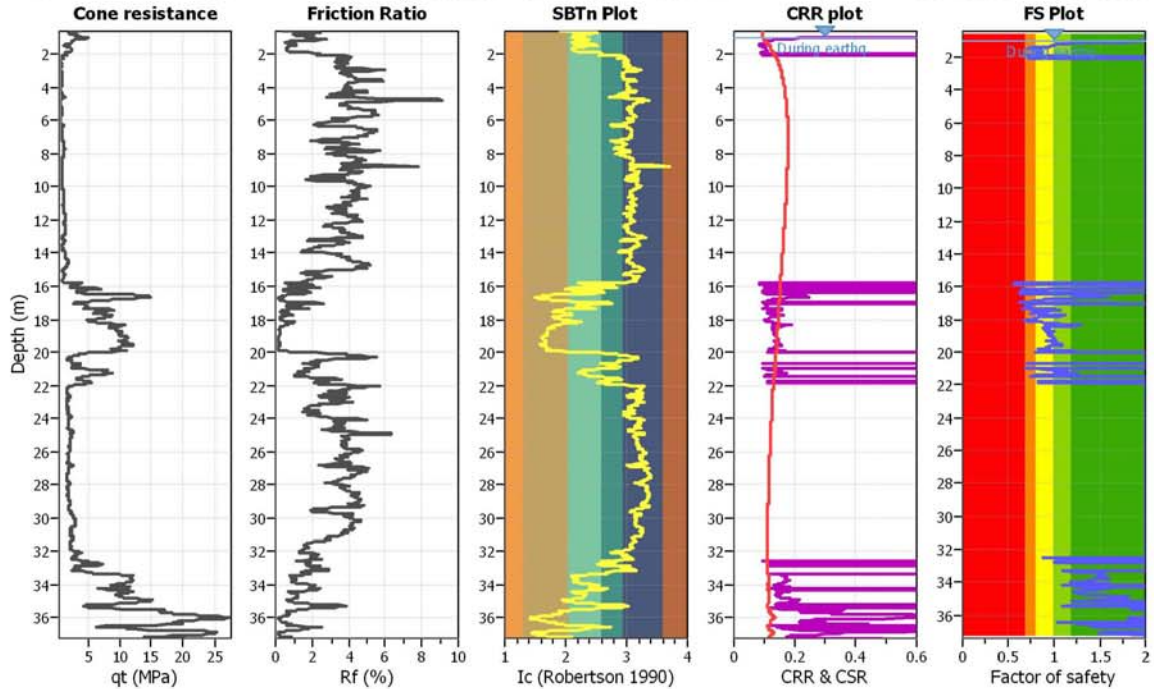
**Project title :**

**Location :**

**CPT file : 185130U019**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

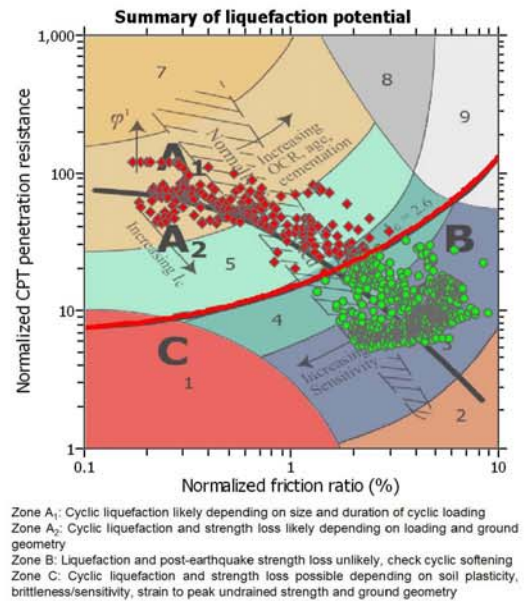
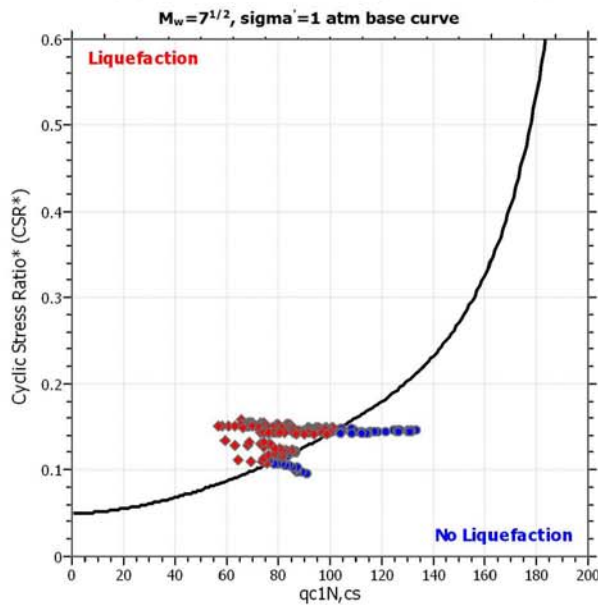
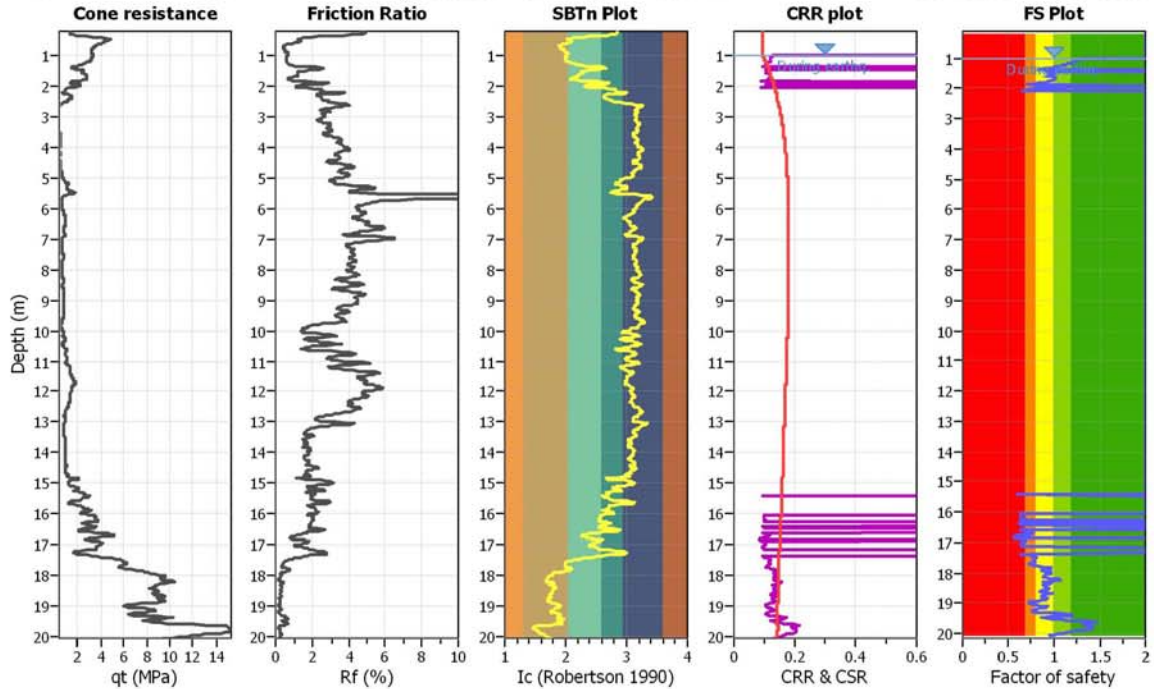
**Project title :**

**Location :**

**CPT file : 185130U020**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

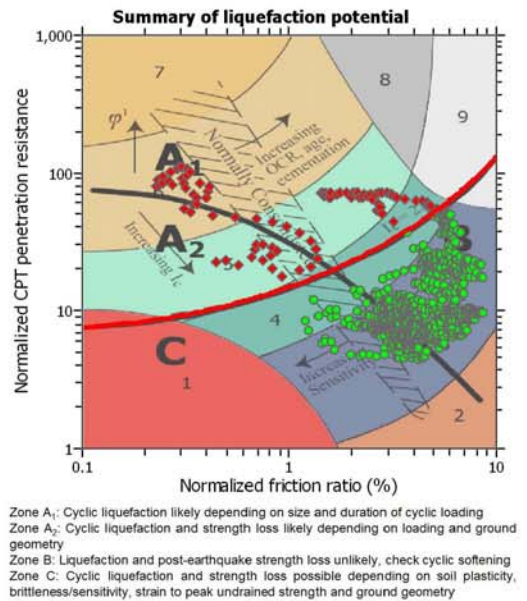
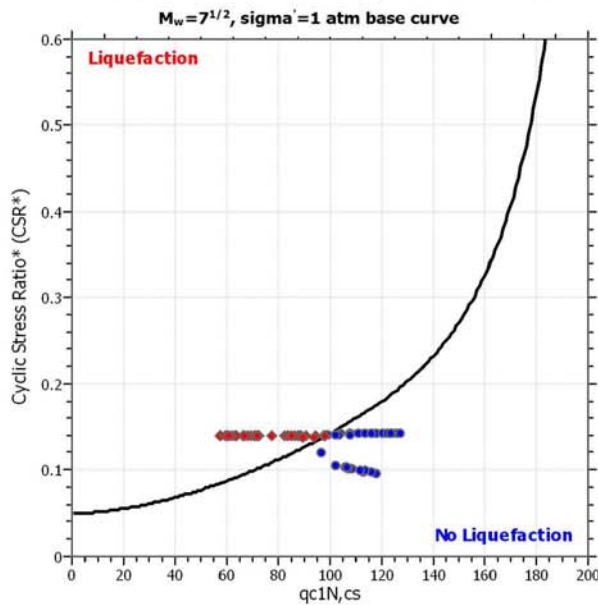
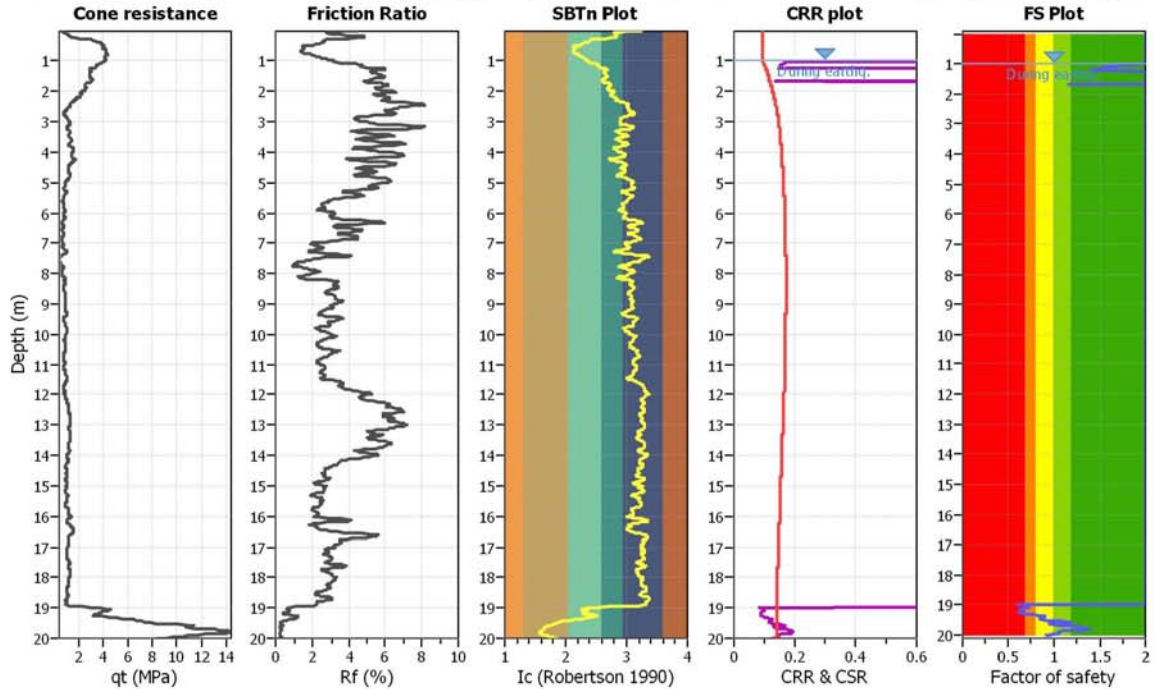
**Project title :**

**Location :**

**CPT file : 185130U021**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

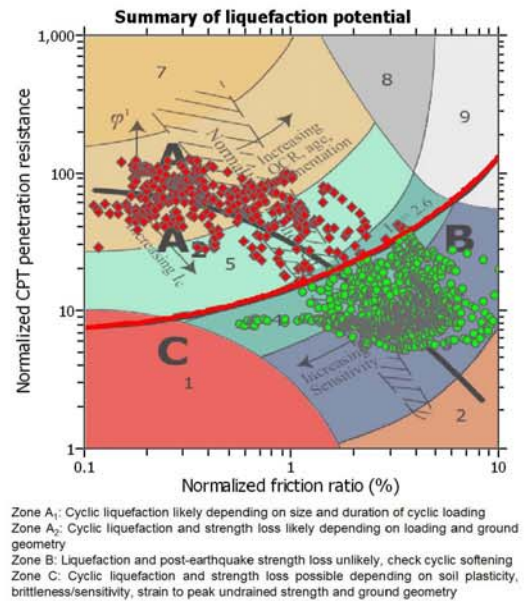
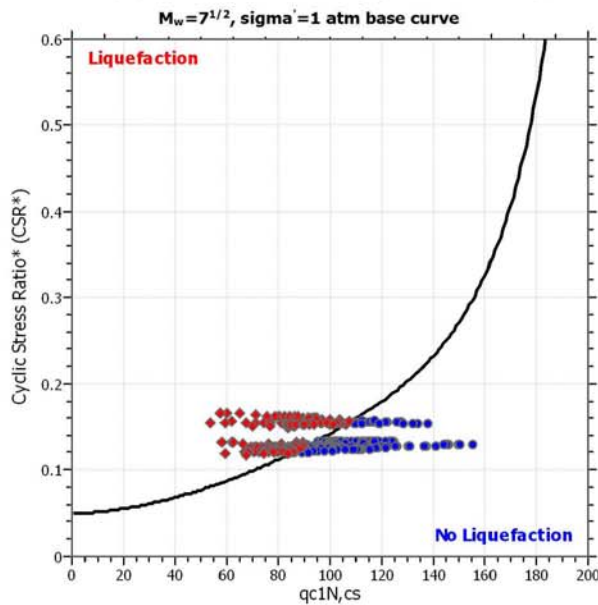
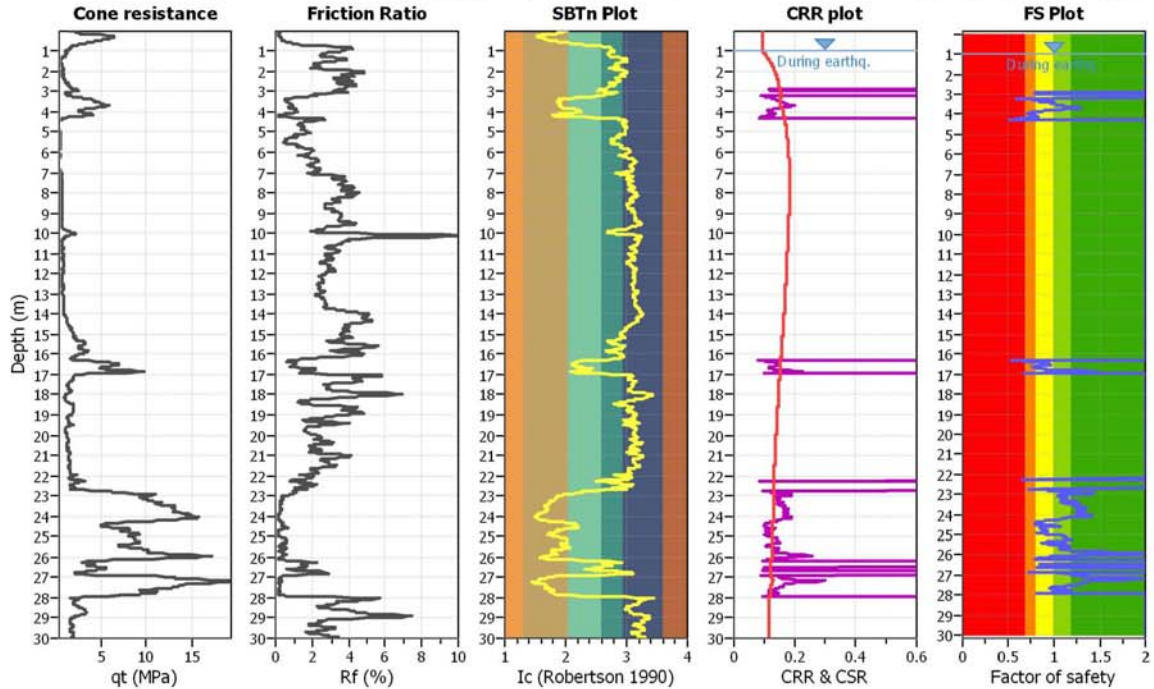
**Project title :**

**Location :**

**CPT file : 185130U022**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

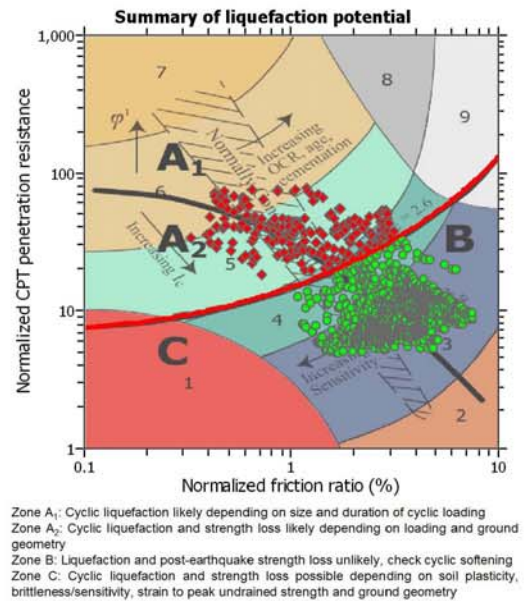
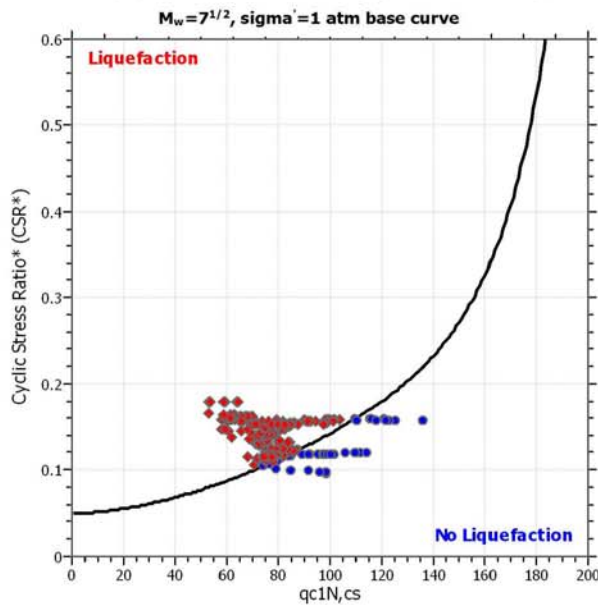
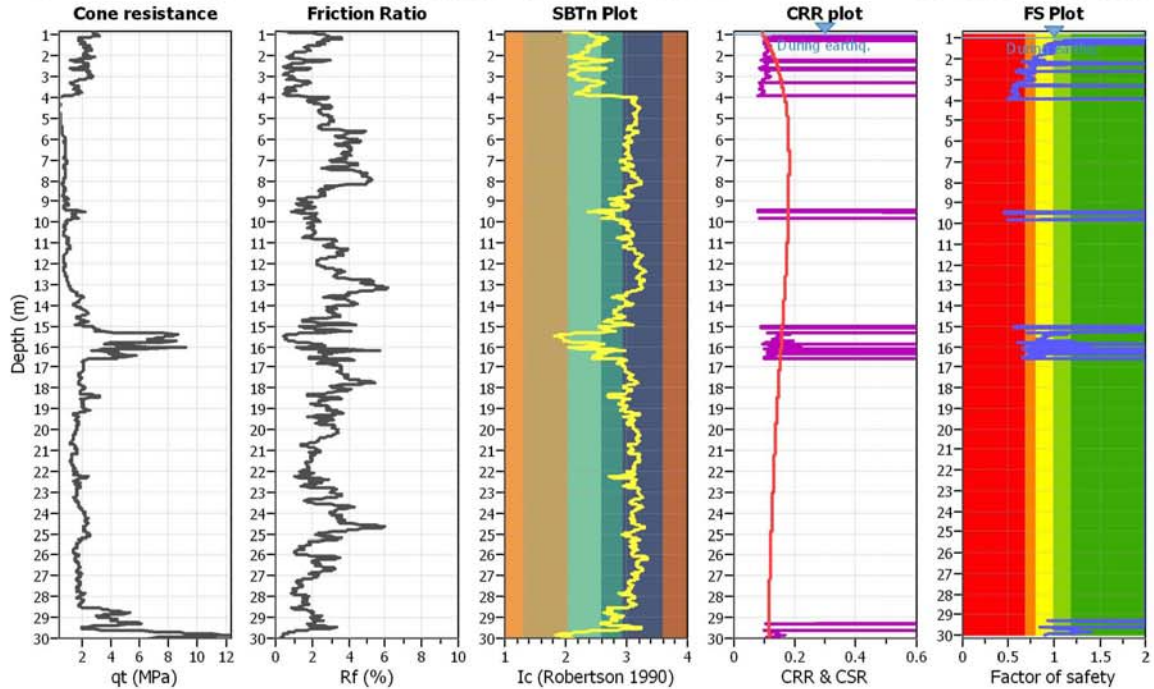
**Project title :**

**Location :**

**CPT file : 185130U023**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

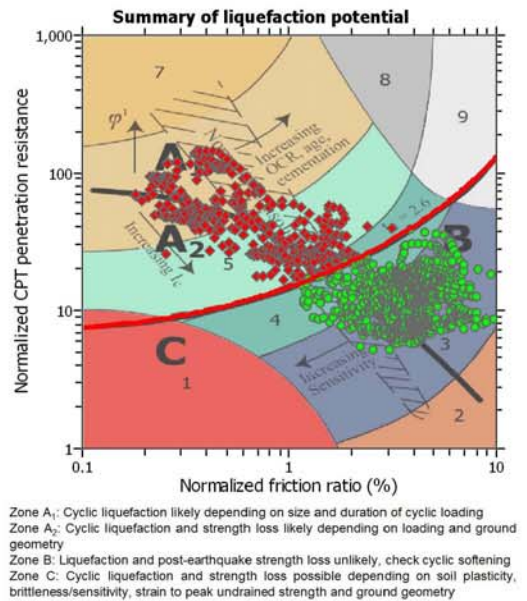
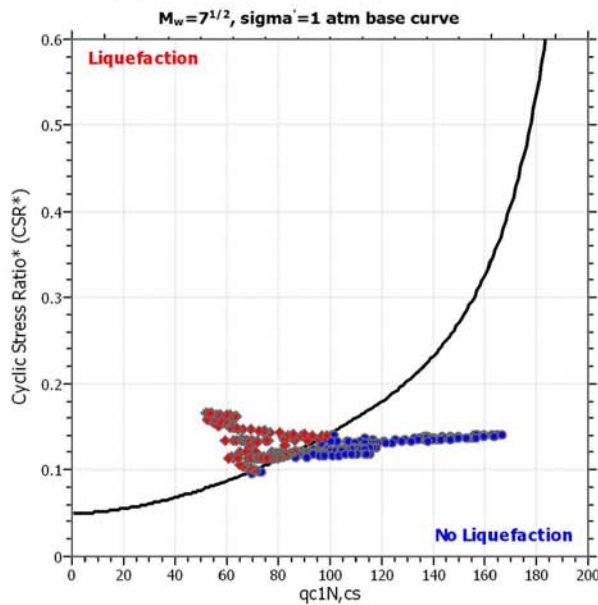
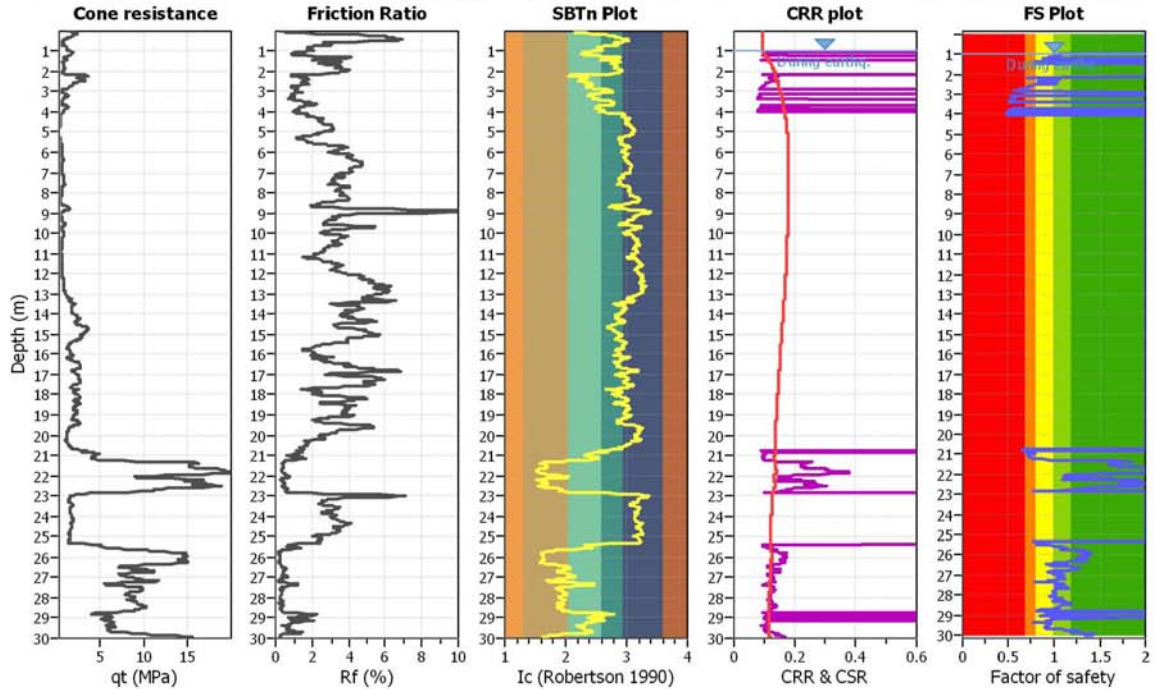
**Project title :**

**Location :**

**CPT file : 185130U024**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

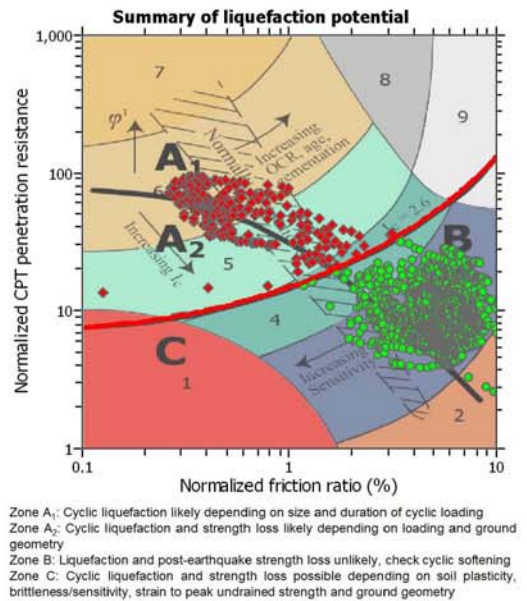
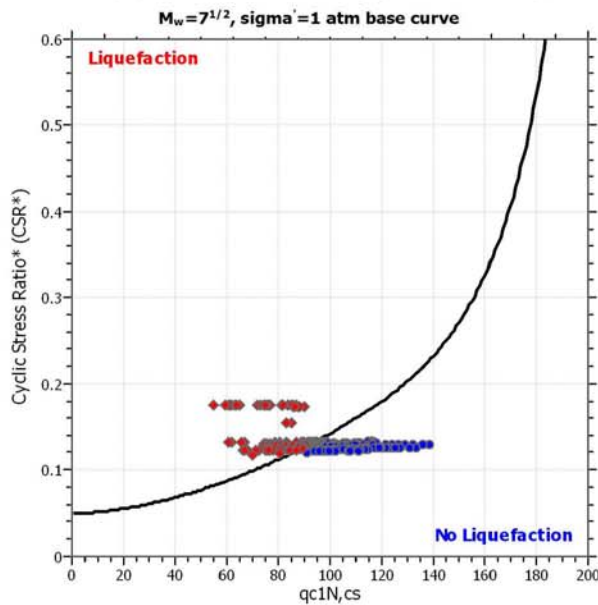
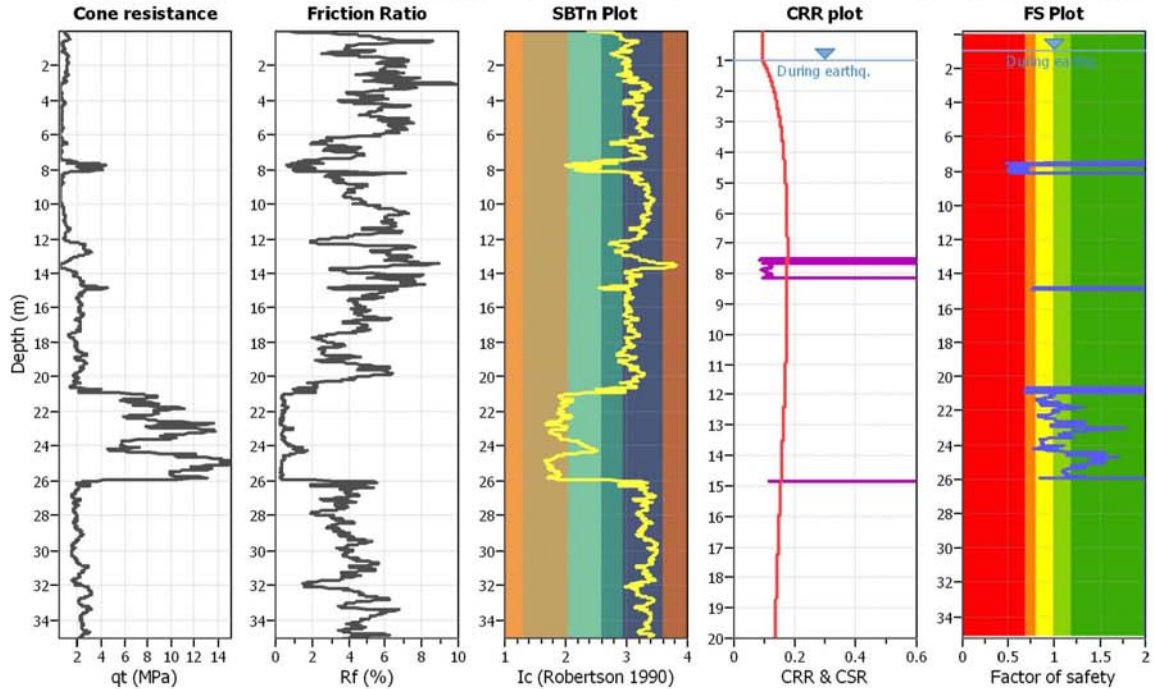
**Project title :**

**Location :**

**CPT file : 185130U503**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

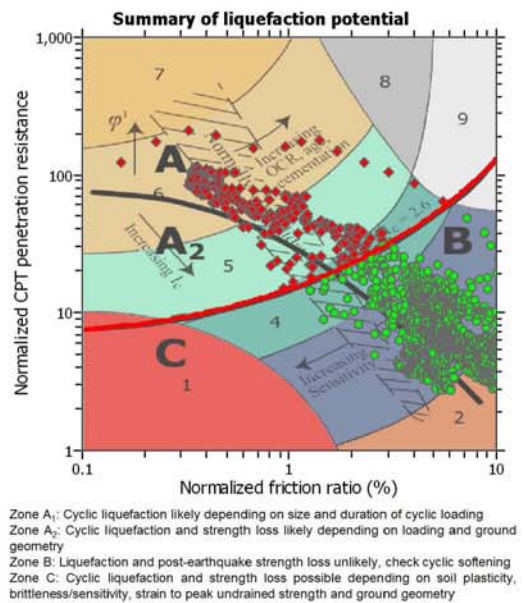
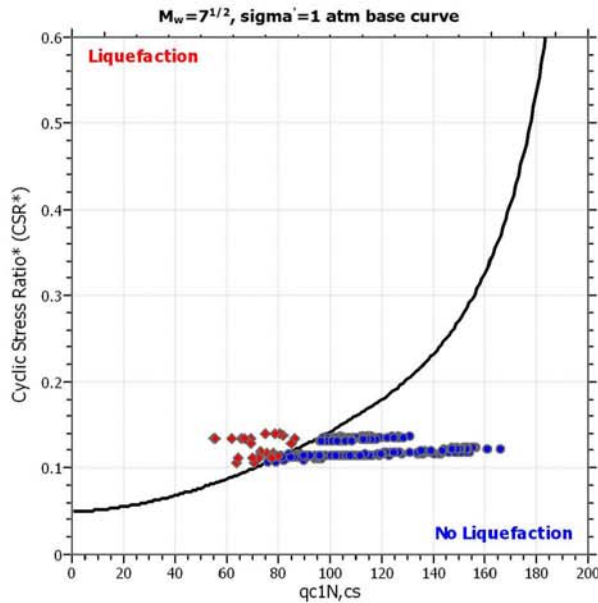
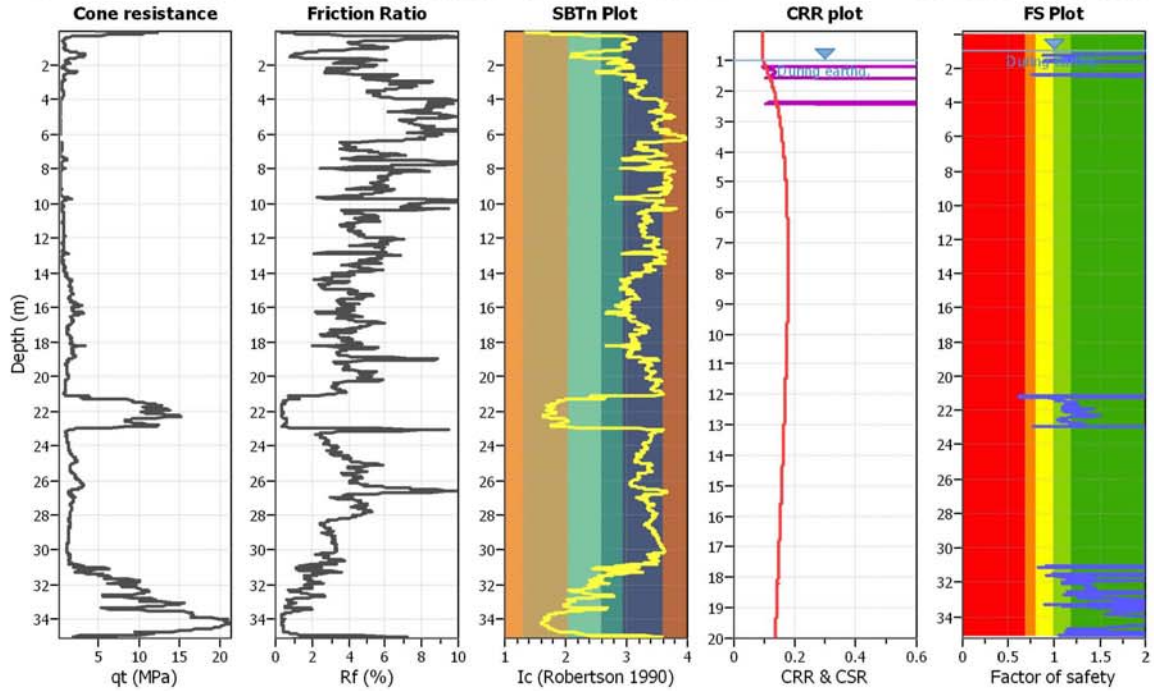
**Project title :**

**Location :**

**CPT file : 185130U504**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

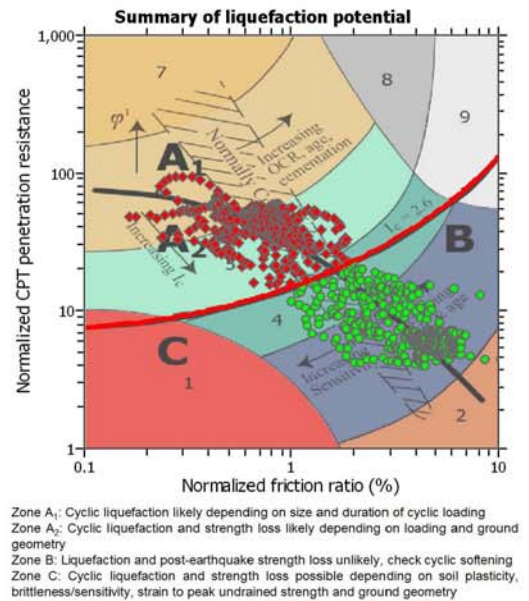
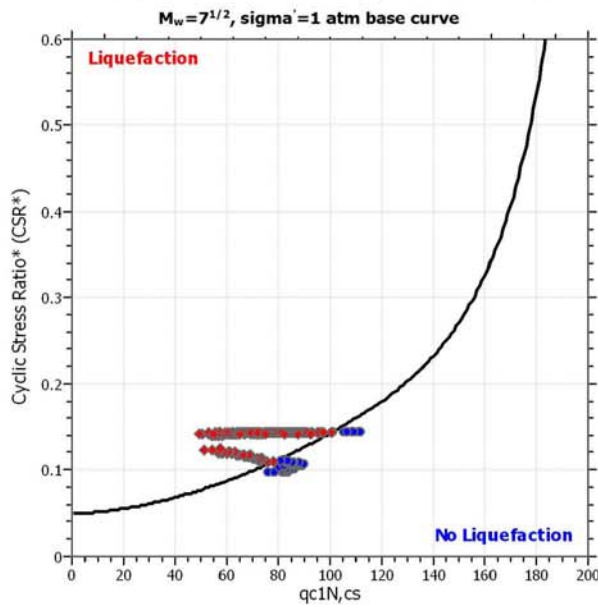
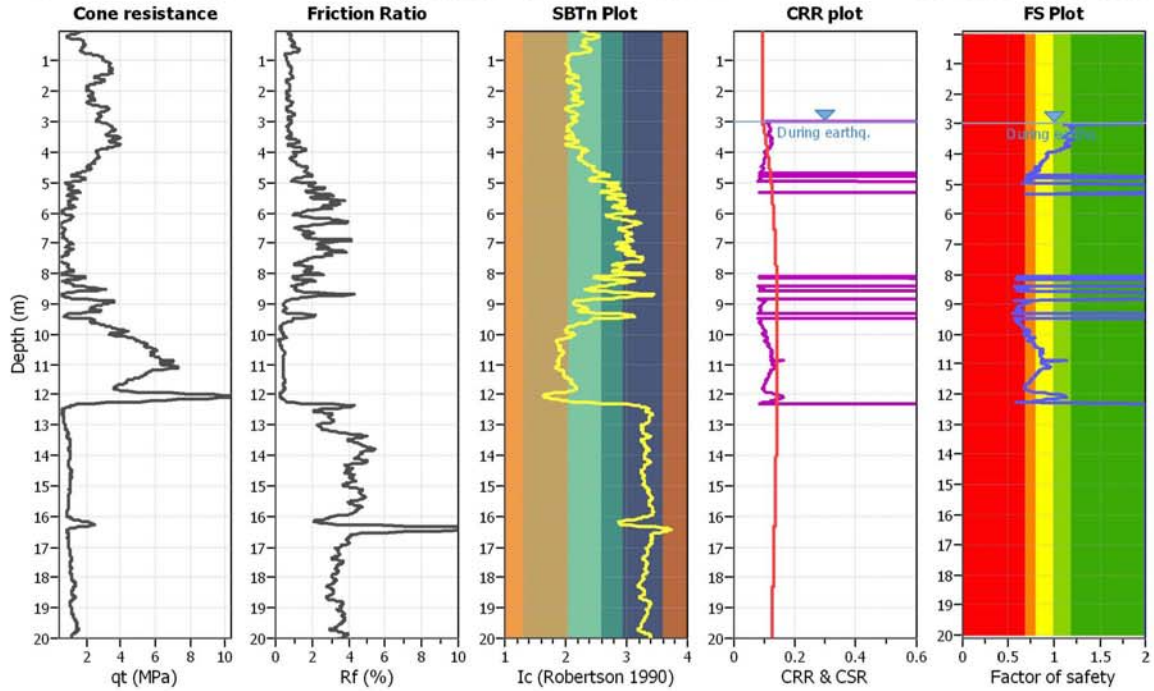
**Project title :**

**Location :**

**CPT file : 185130U505**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

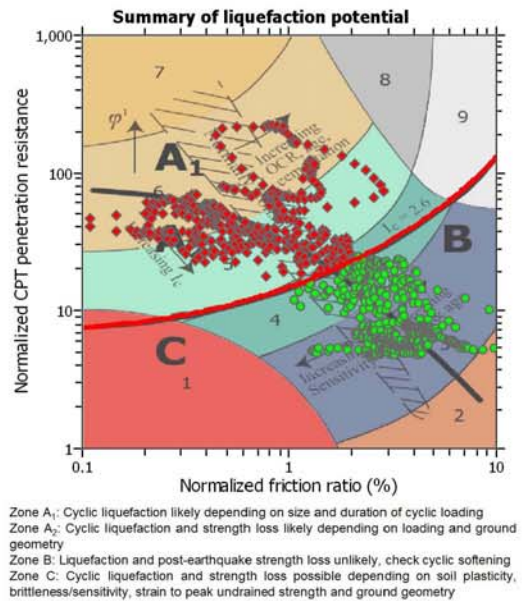
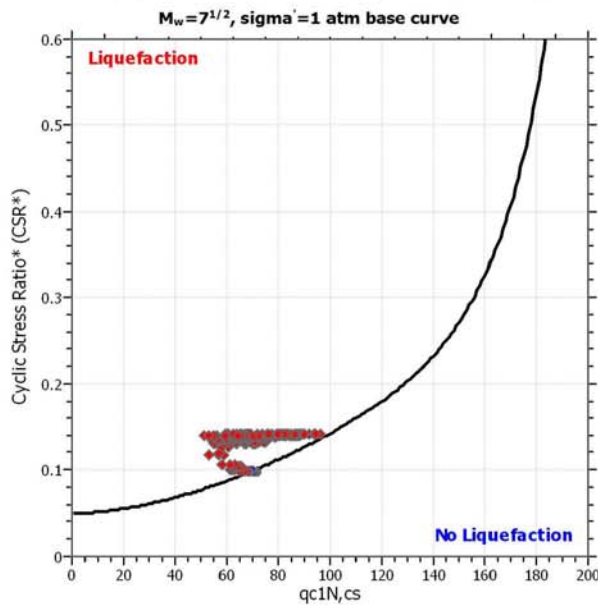
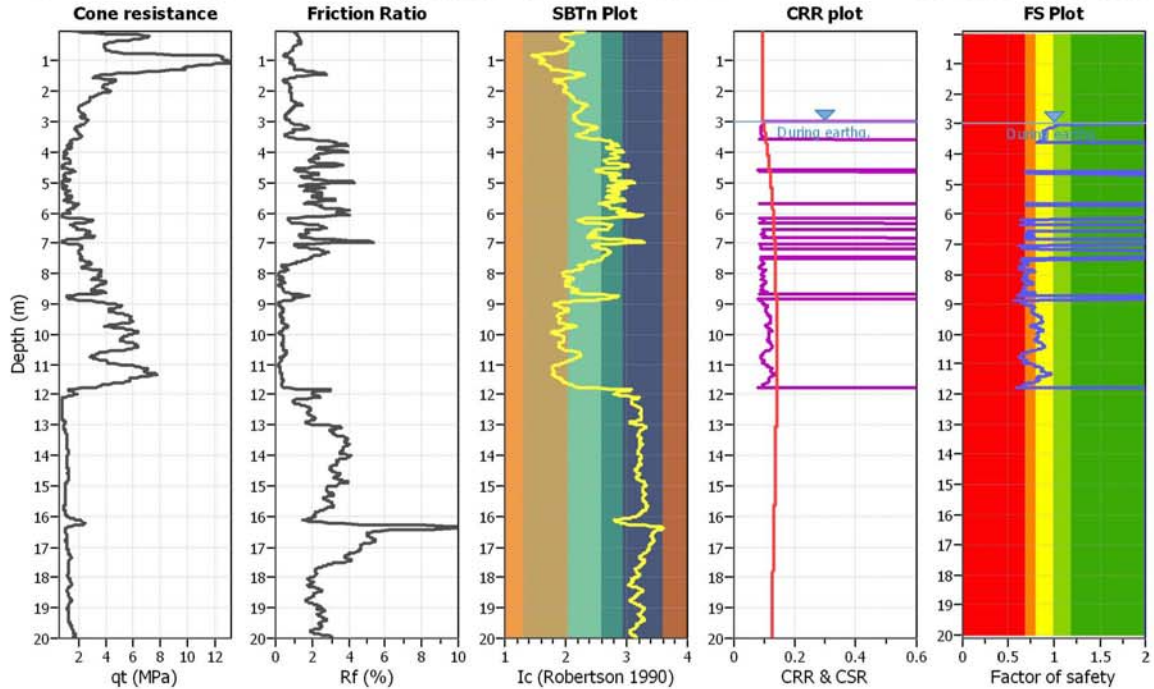
**Project title :**

**Location :**

**CPT file : 185130U506**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

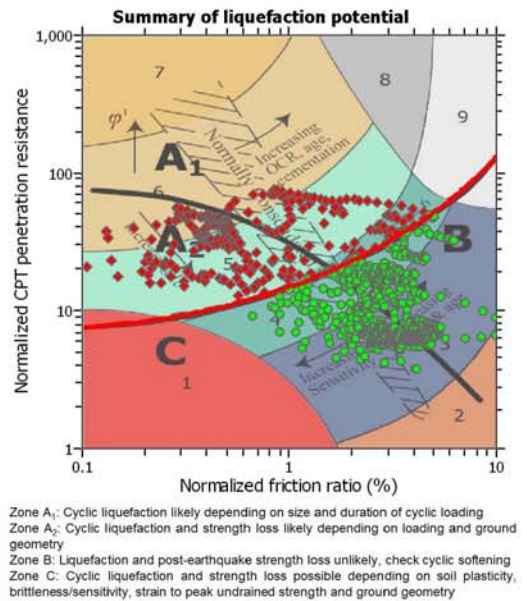
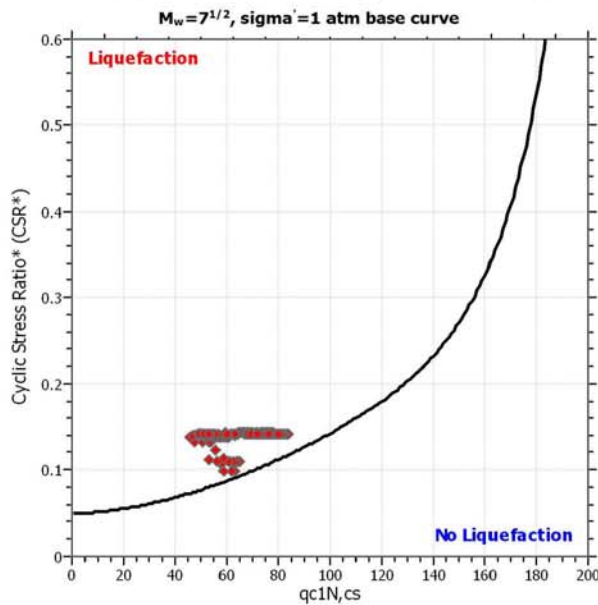
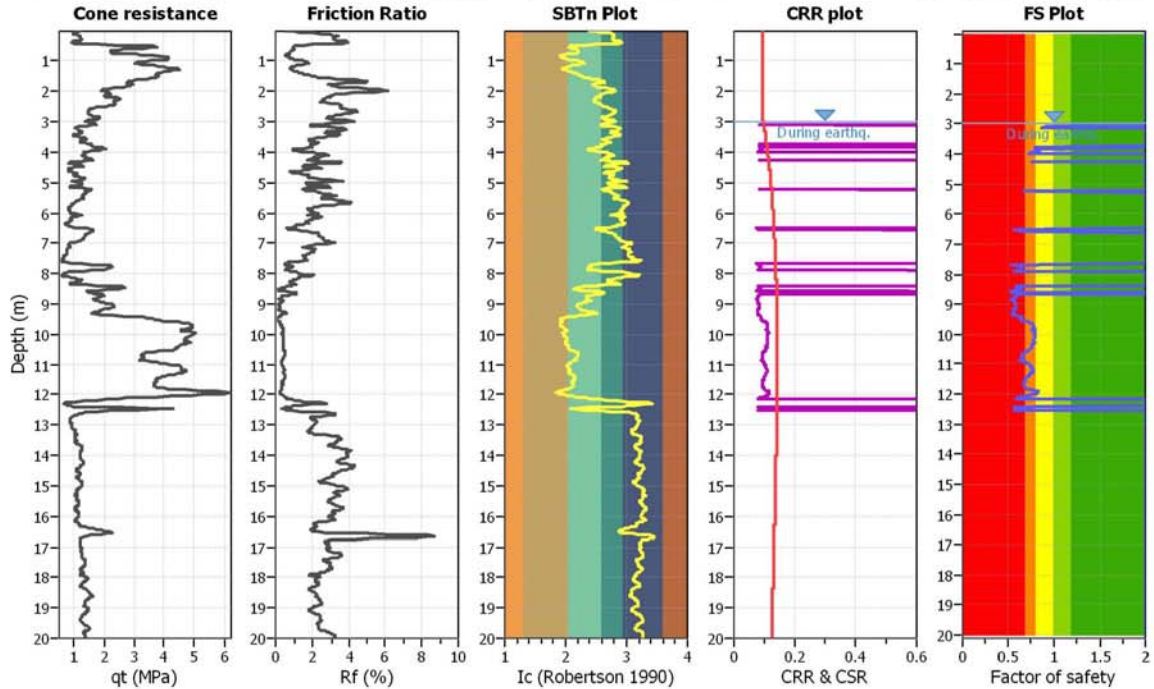
**Project title :**

**Location :**

**CPT file : 185130U507**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

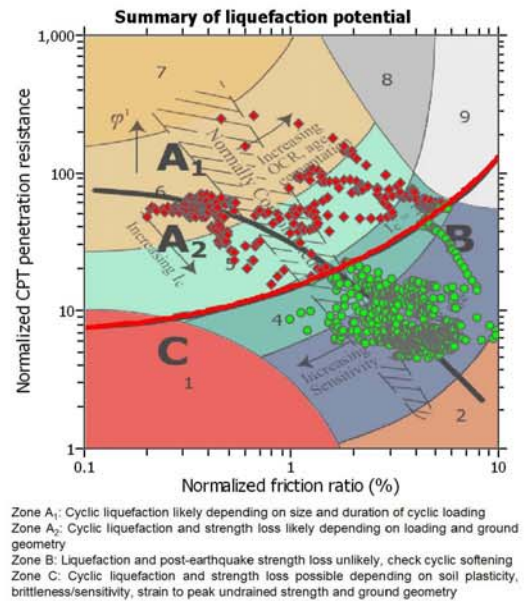
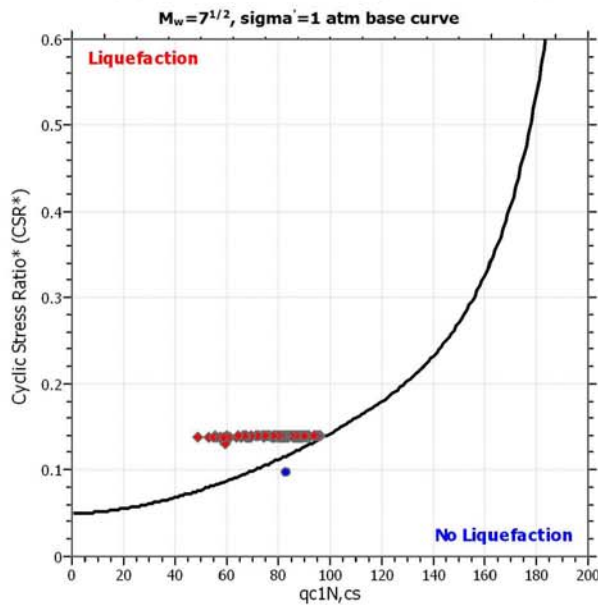
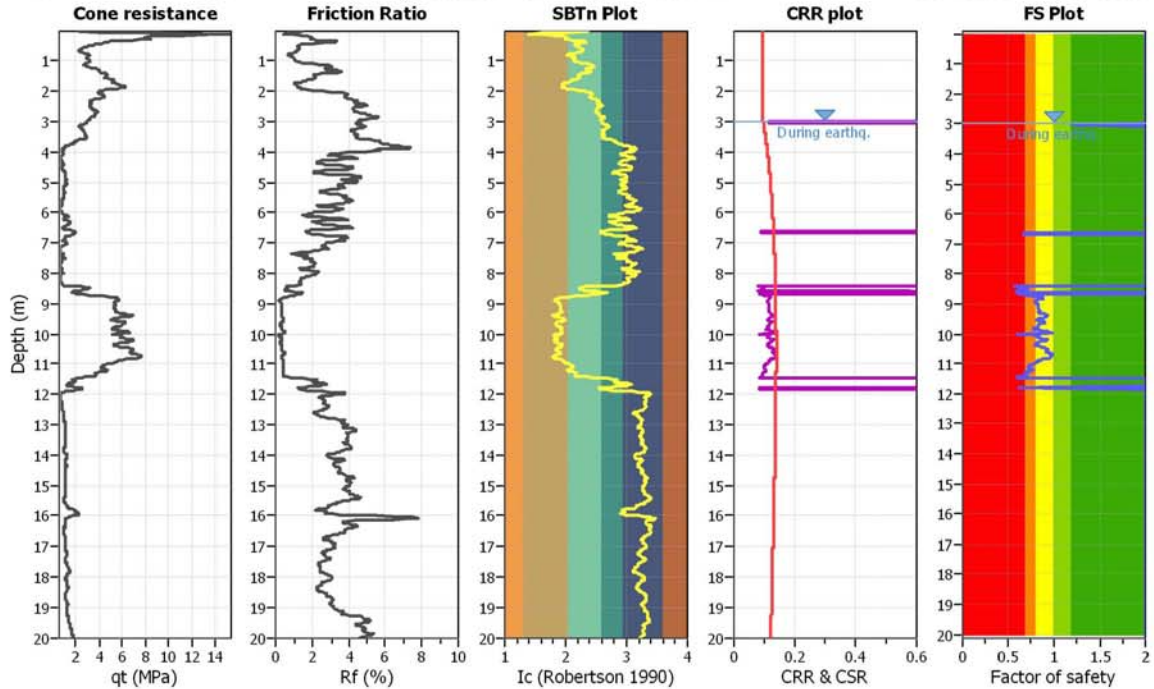
**Project title :**

**Location :**

**CPT file : 185130U508**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

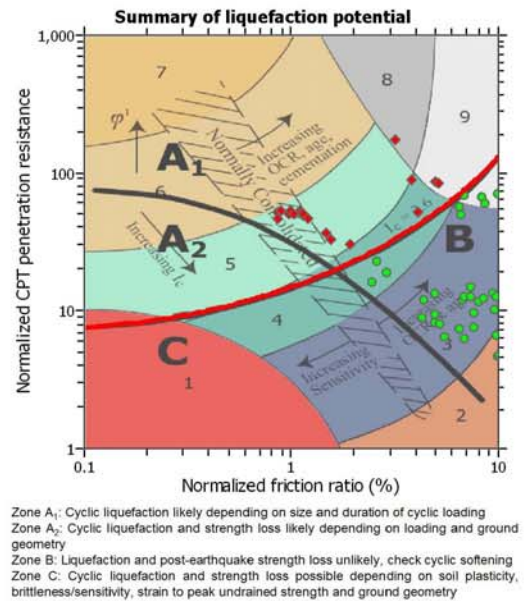
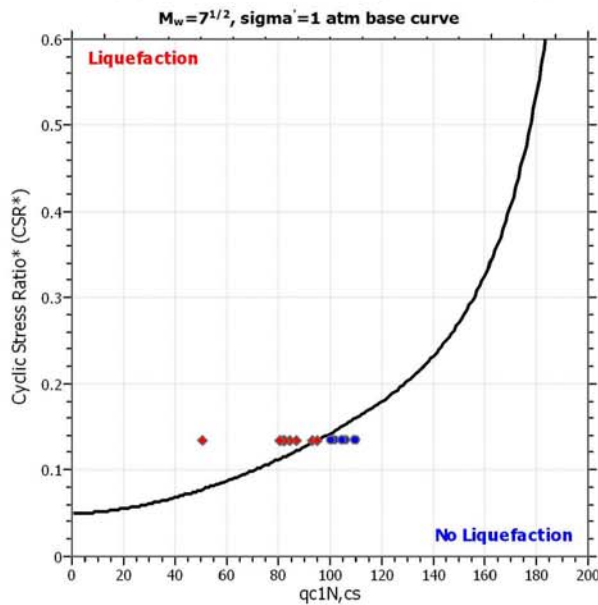
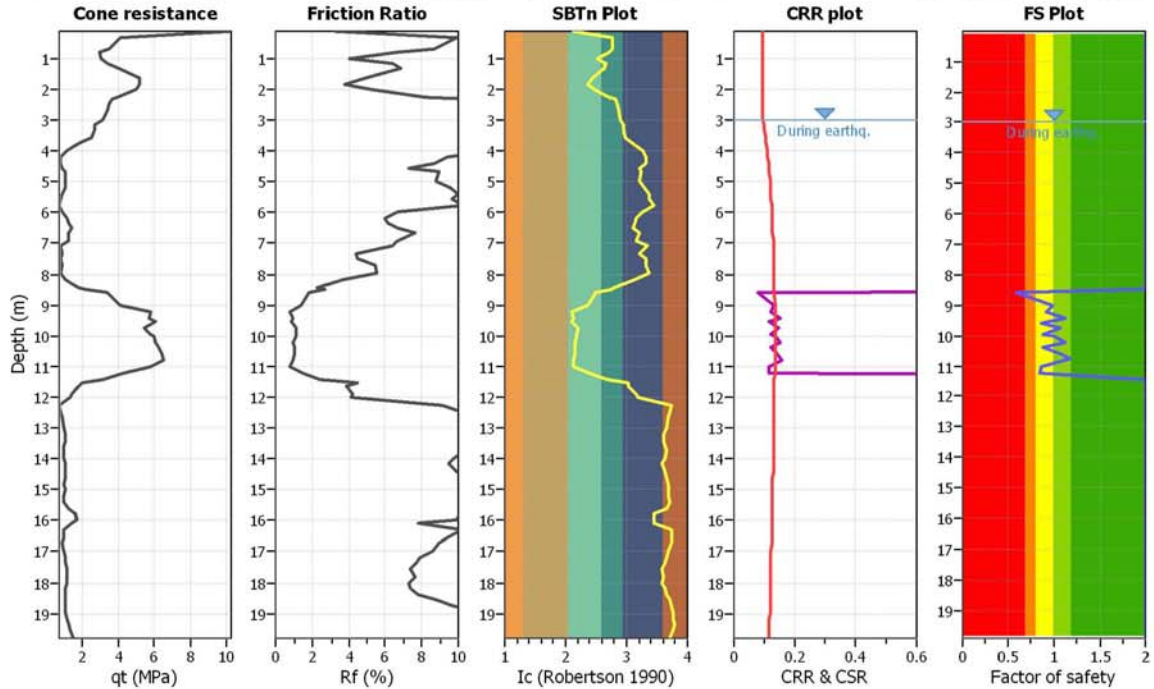
**Project title :**

**Location :**

**CPT file : 185130U509**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

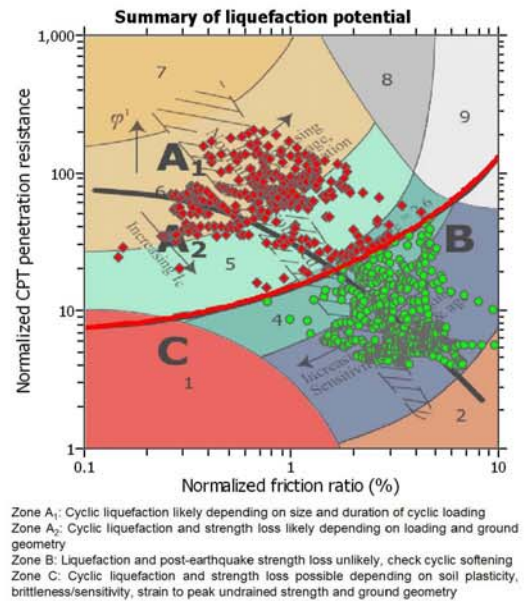
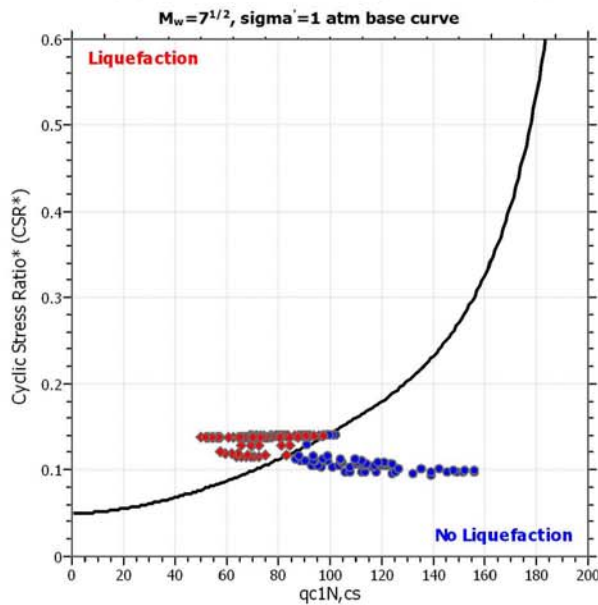
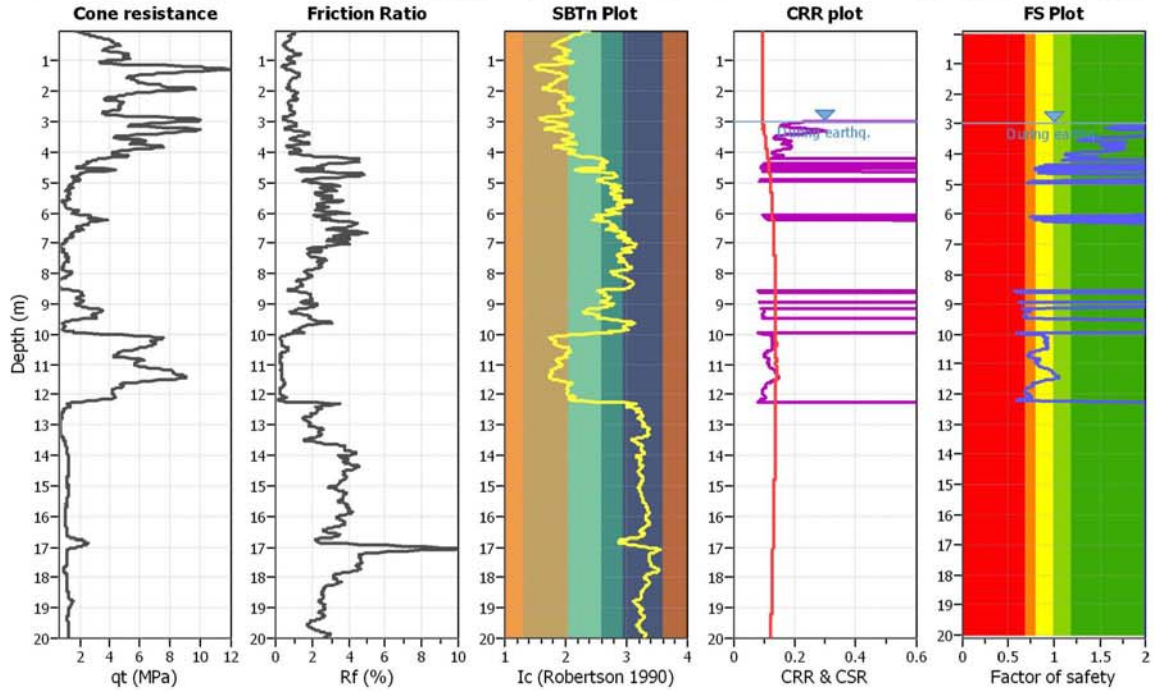
**Project title :**

**Location :**

**CPT file : 185130U510**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

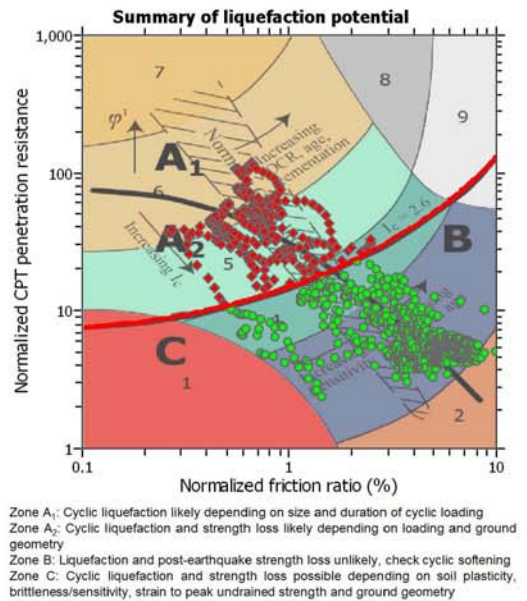
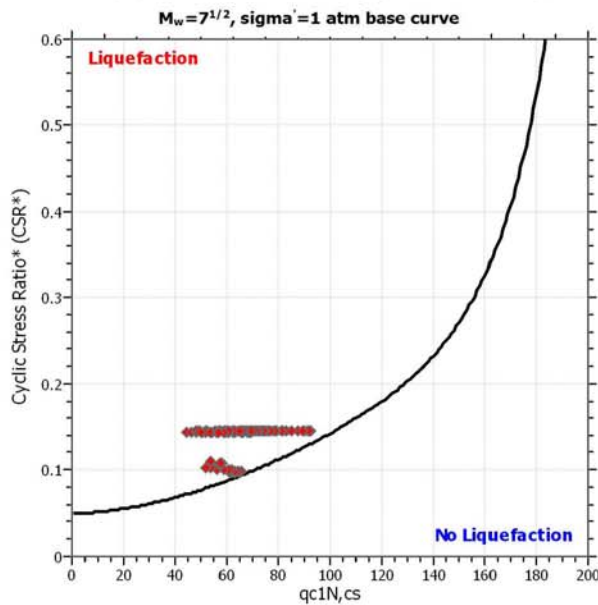
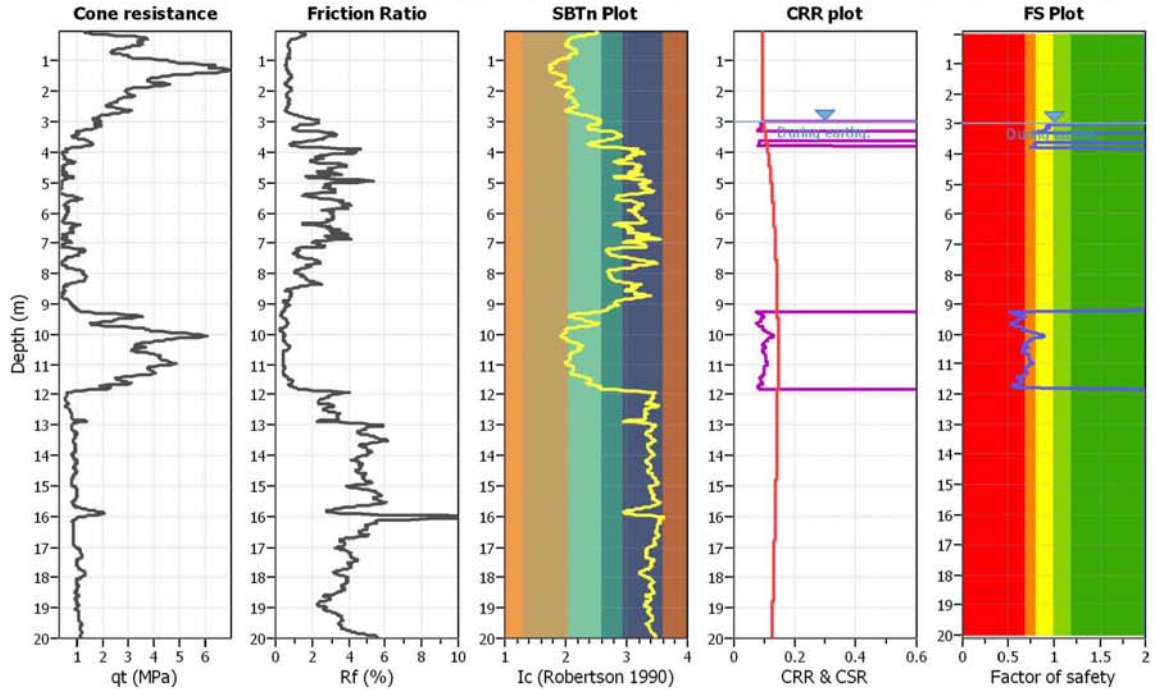
**Project title :**

**Location :**

**CPT file : 185130U511**

**Input parameters and analysis data**

Analysis method: I&B (2008)	G.W.T. (in-situ): 3.00 m	Use fill: No	Clay like behavior applied: No
Fines correction method: I&B (2008)	G.W.T. (earthq.): 3.00 m	Fill height: N/A	Sands only applied: No
Points to test: Based on Ic value	Average results interval: 3	Fill weight: N/A	Limit depth applied: No
Earthquake magnitude $M_w$ : 6.14	Ic cut-off value: 2.60	Trans. detect. applied: No	Limit depth: N/A
Peak ground acceleration: 0.23	Unit weight calculation: Based on SBT	$K_0$ applied: Yes	MSF method: Method based



**LIQUEFACTION ANALYSIS REPORT**

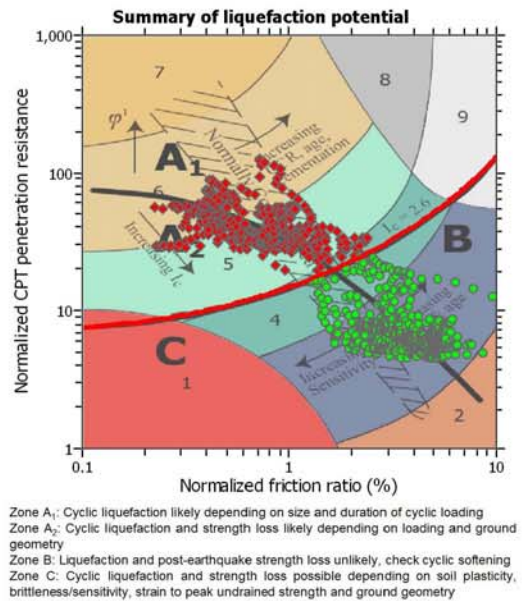
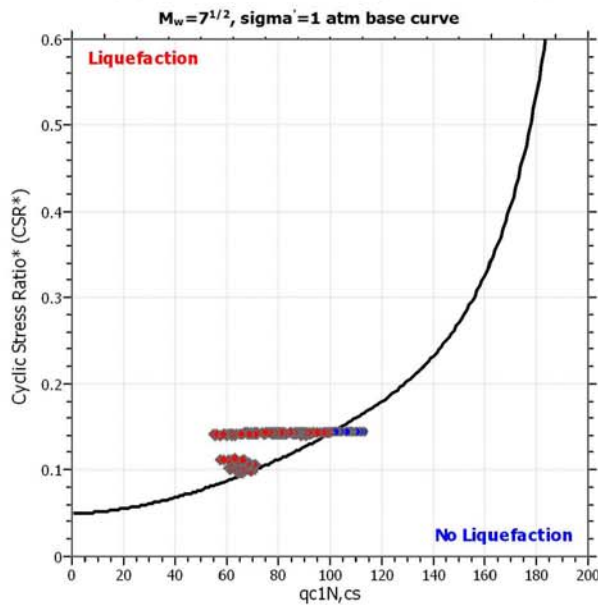
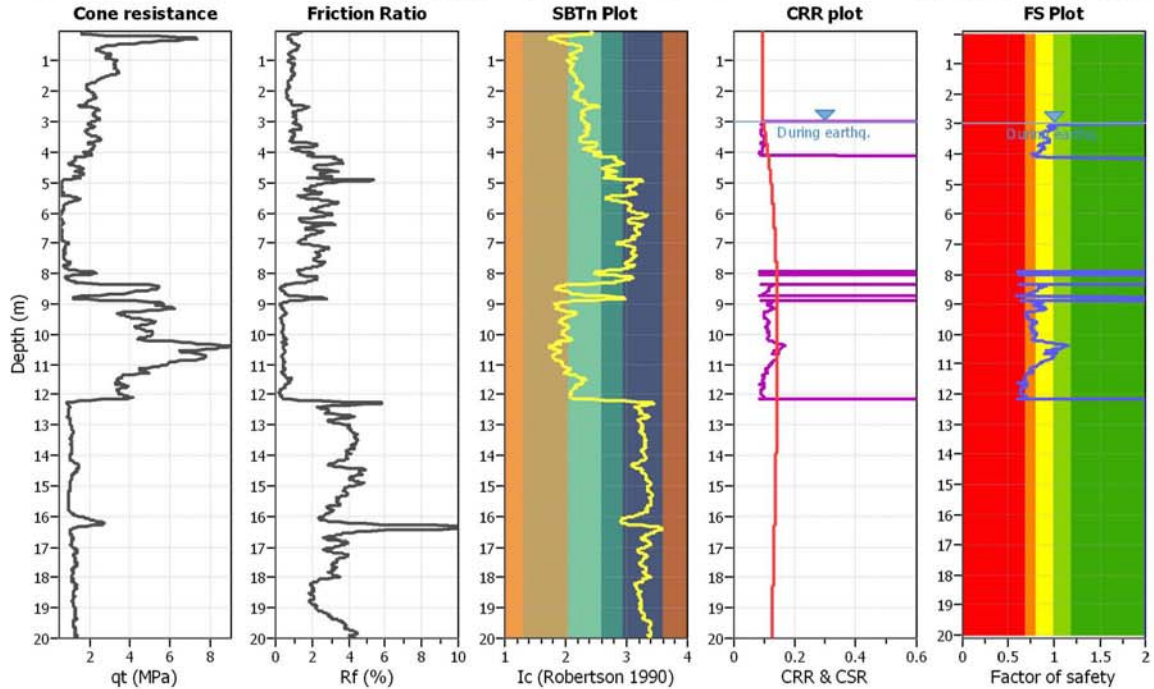
**Project title :**

**Location :**

**CPT file : 185130U512**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

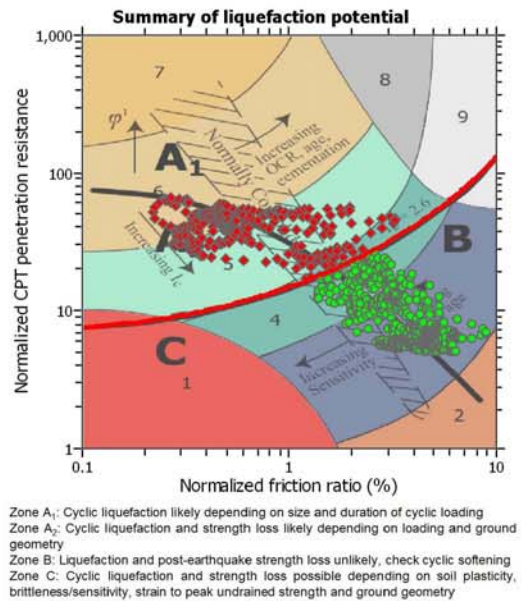
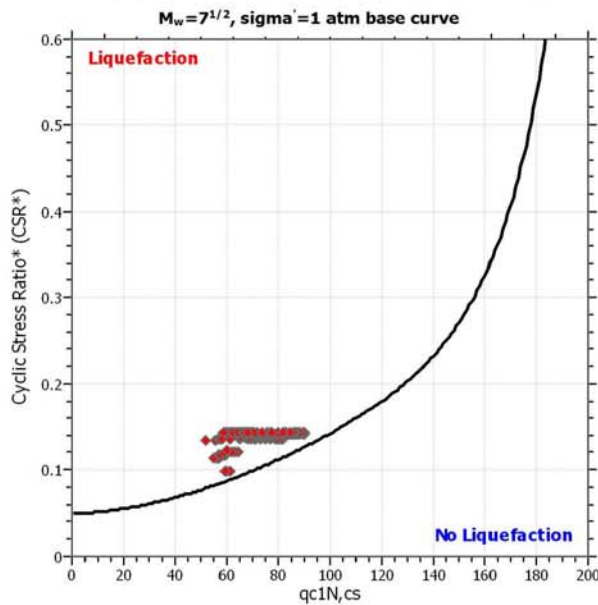
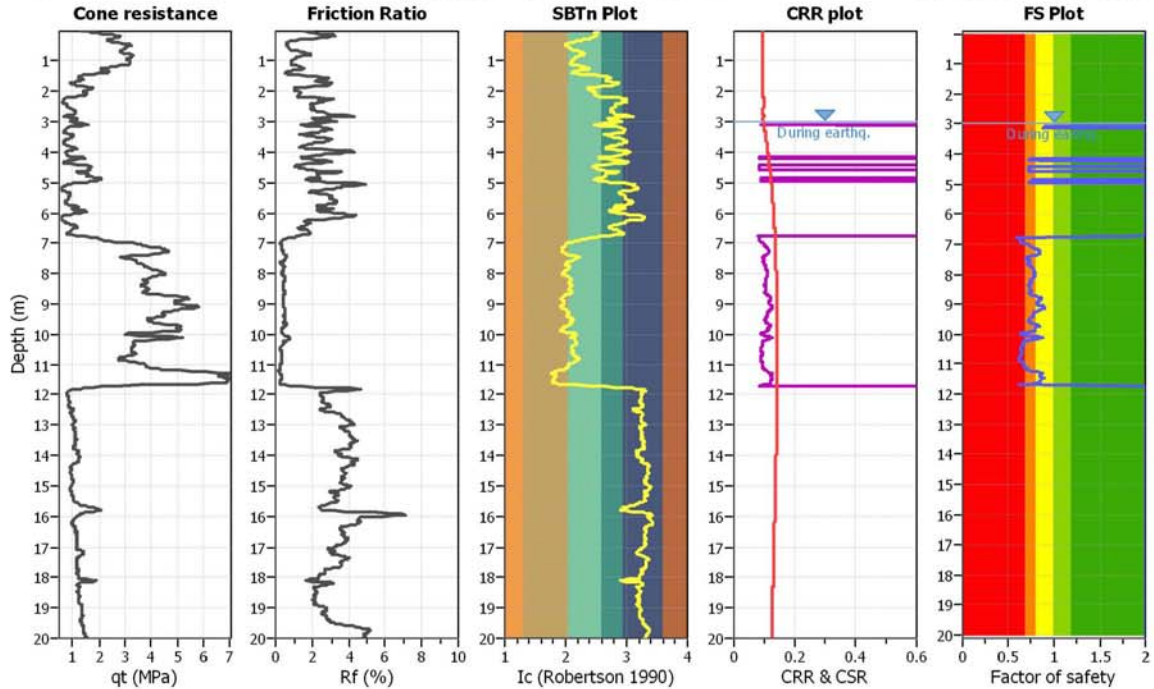
**Project title :**

**Location :**

**CPT file : 185130U513**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

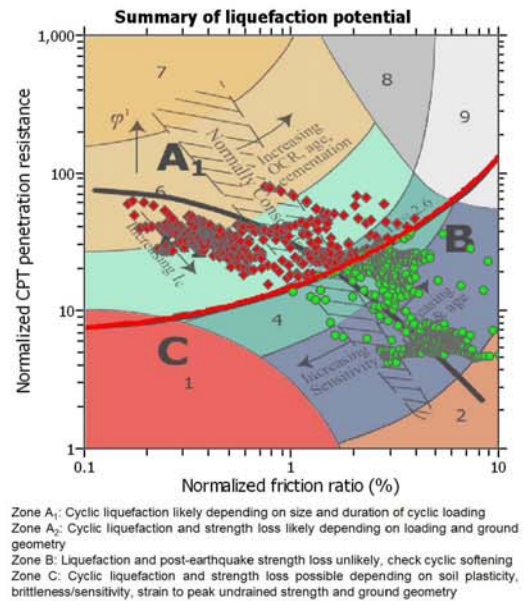
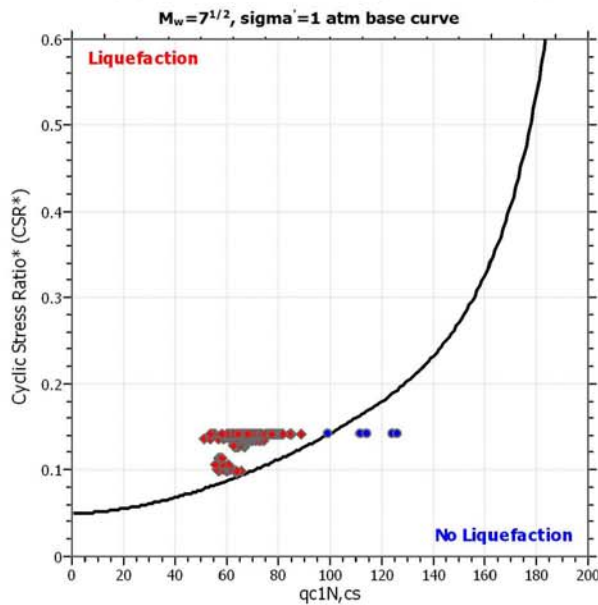
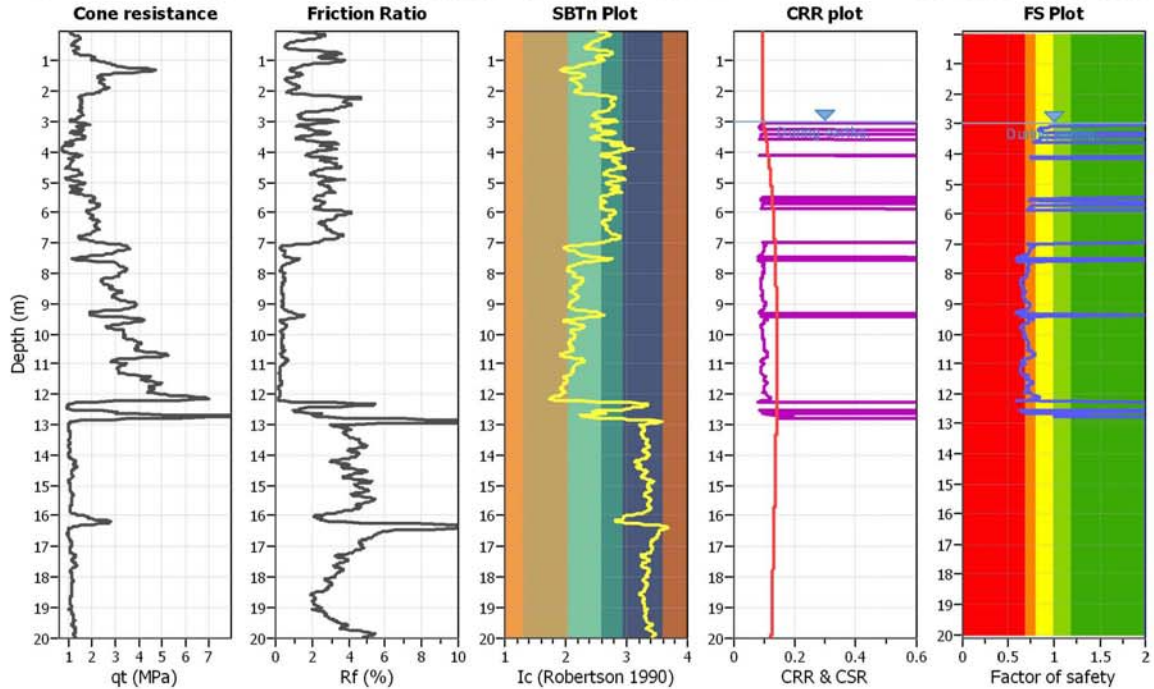
**Project title :**

**Location :**

**CPT file : 185130U514**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

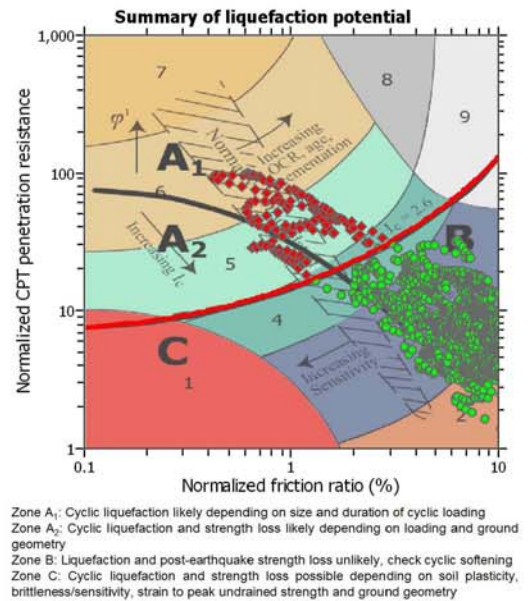
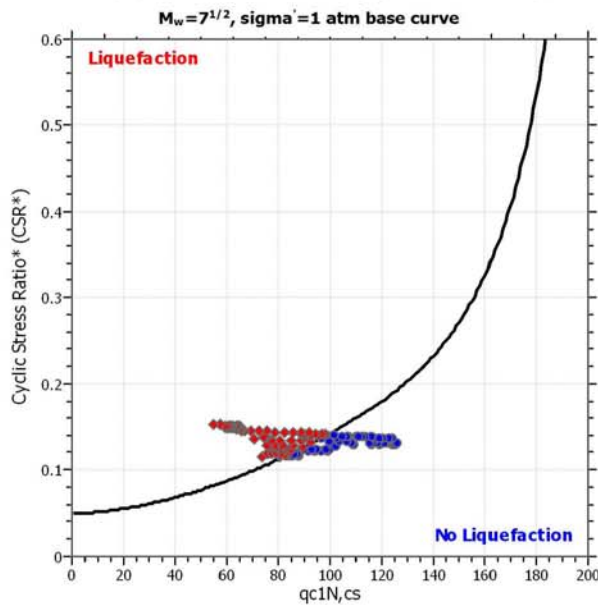
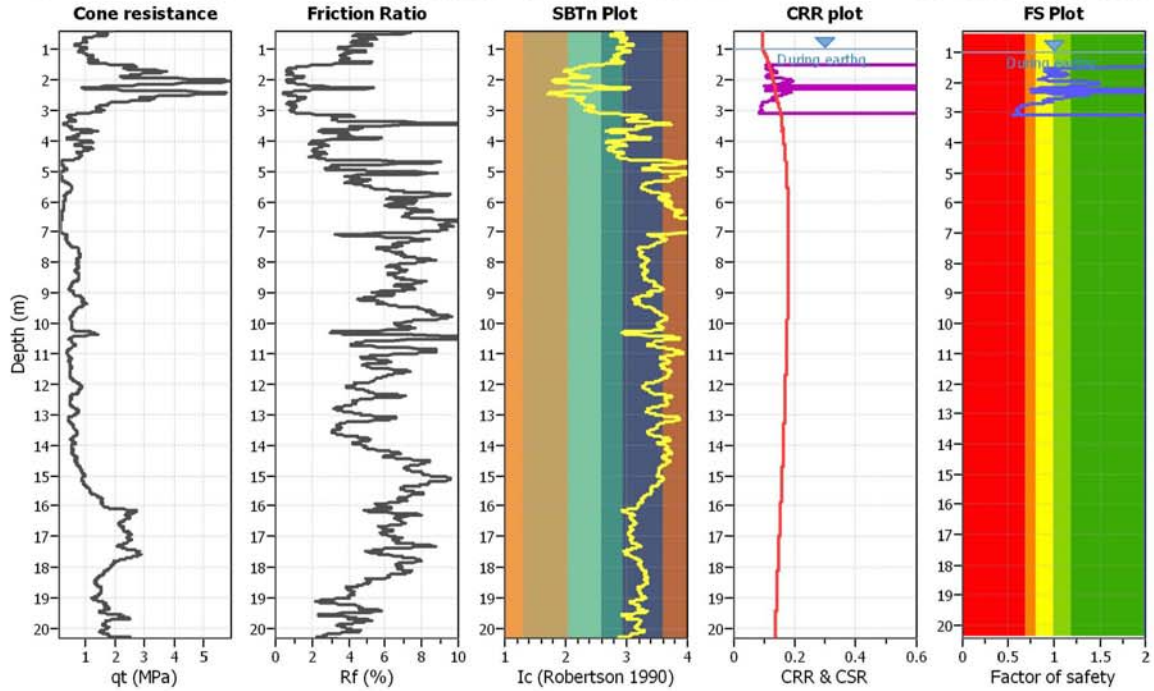
**Project title :**

**Location :**

**CPT file : 185130U999**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

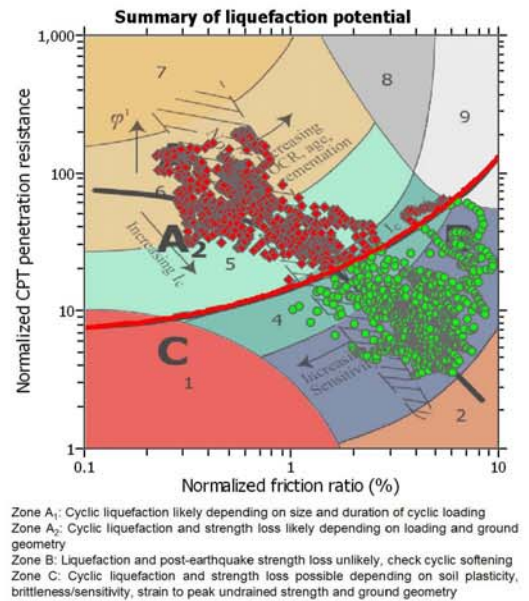
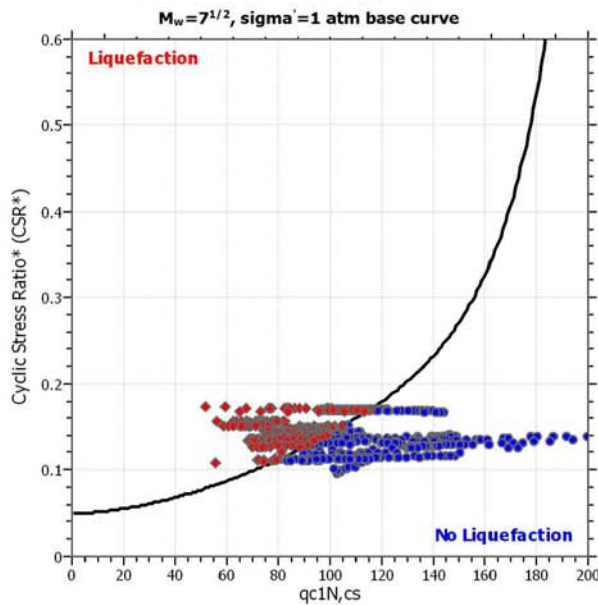
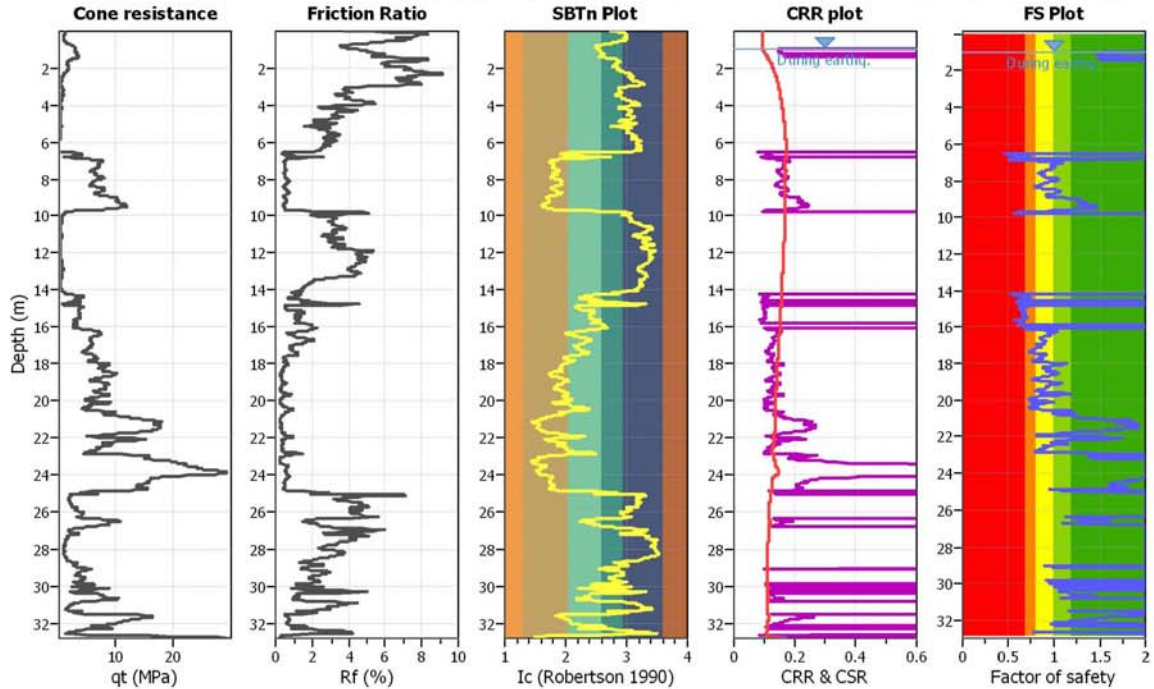
**Project title :**

**Location :**

**CPT file : 185140B001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

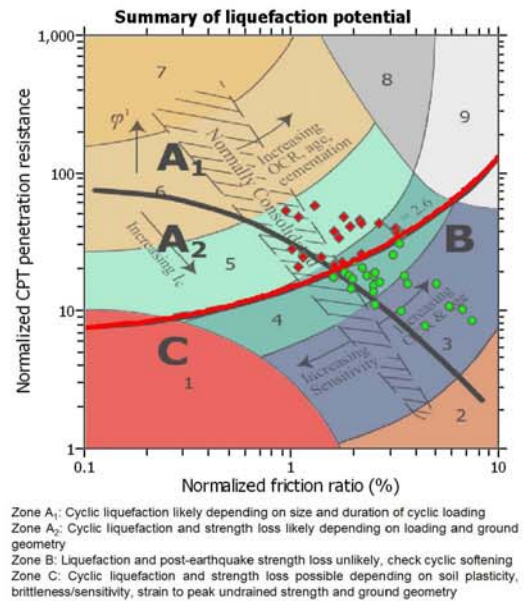
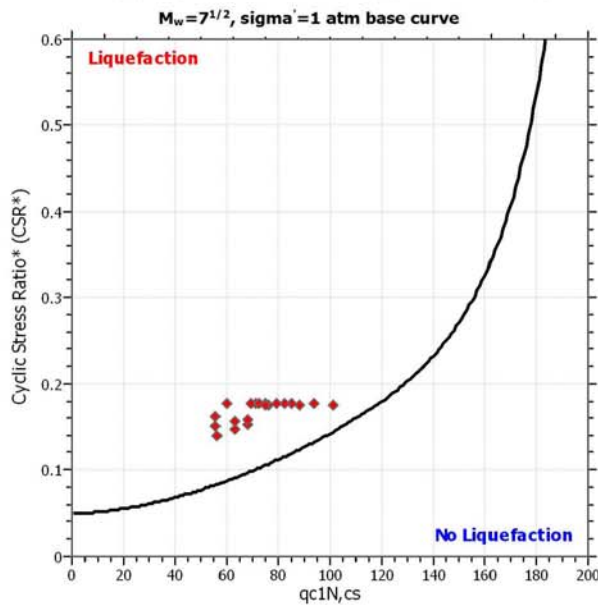
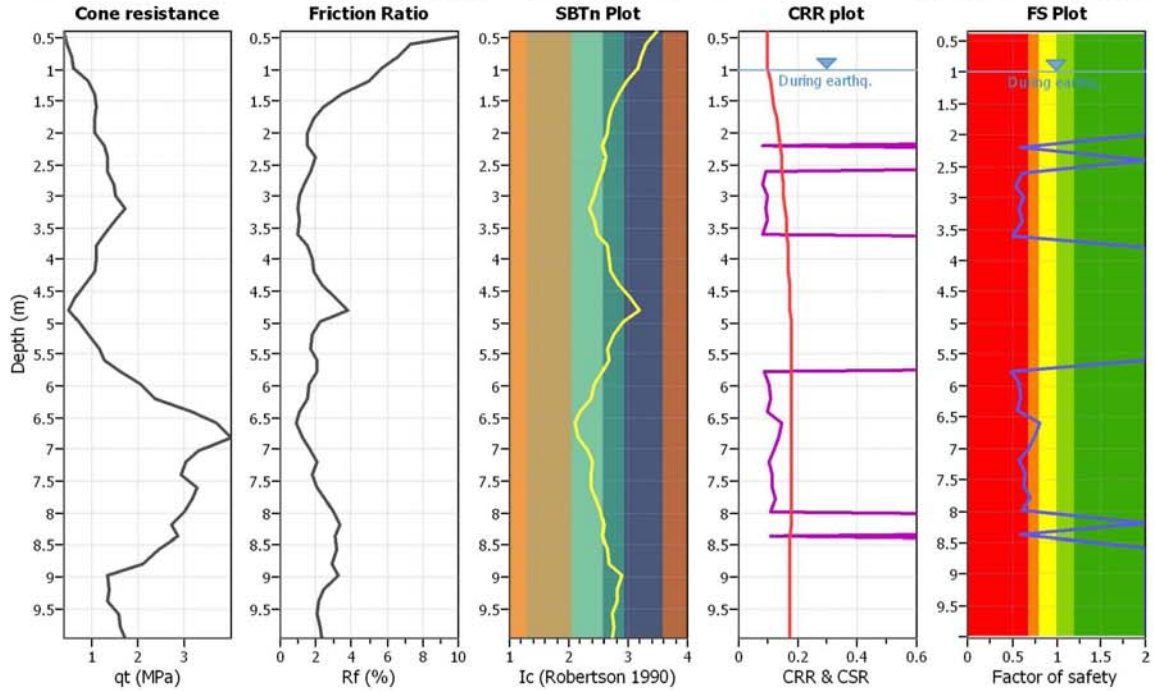
**Project title :**

**Location :**

**CPT file : 185140C001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

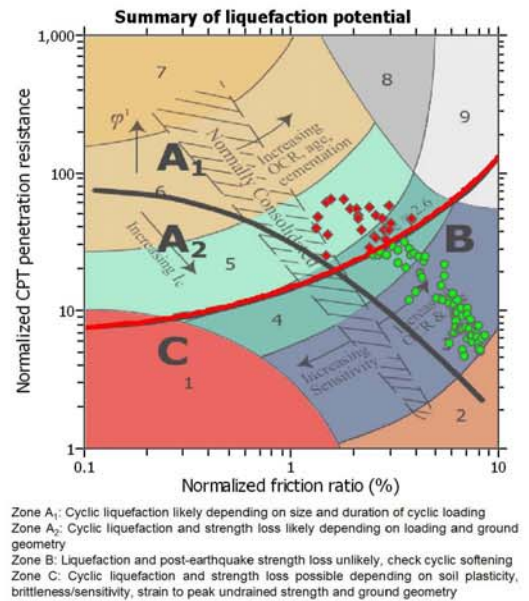
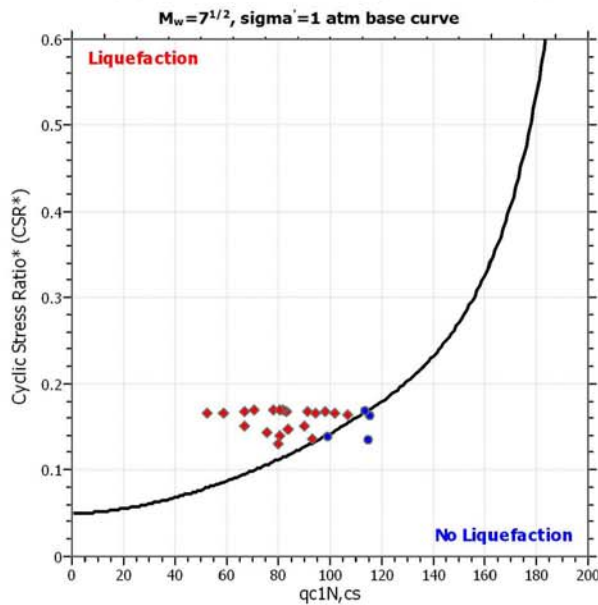
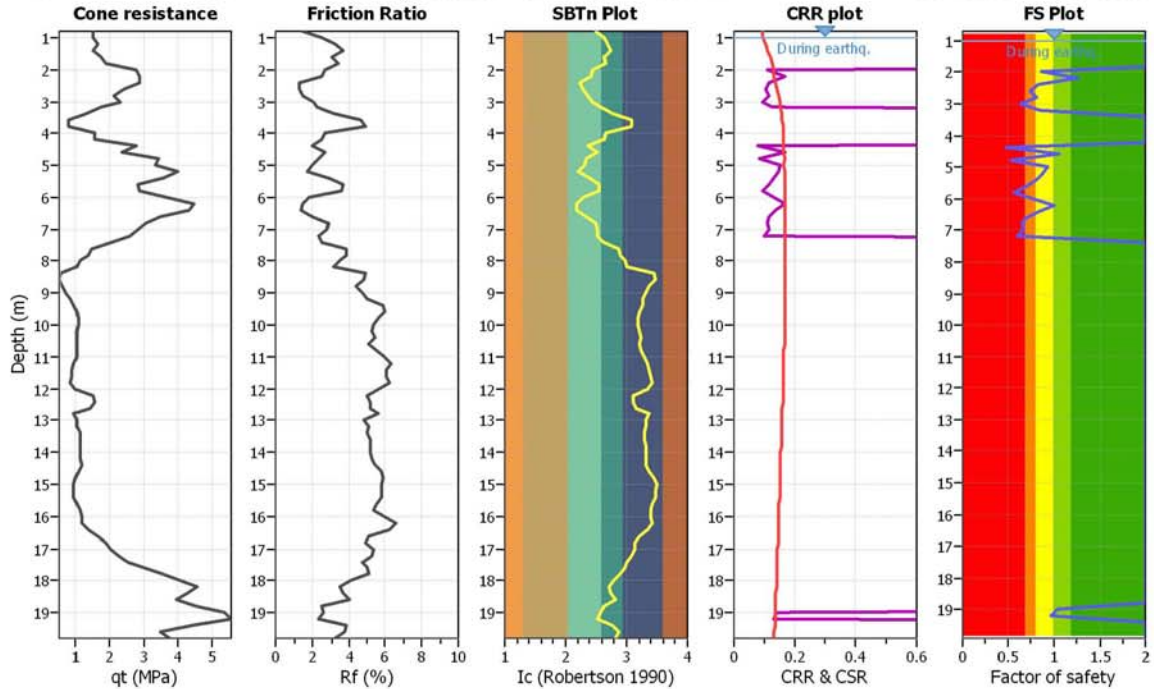
**Project title :**

**Location :**

**CPT file : 185140C174**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

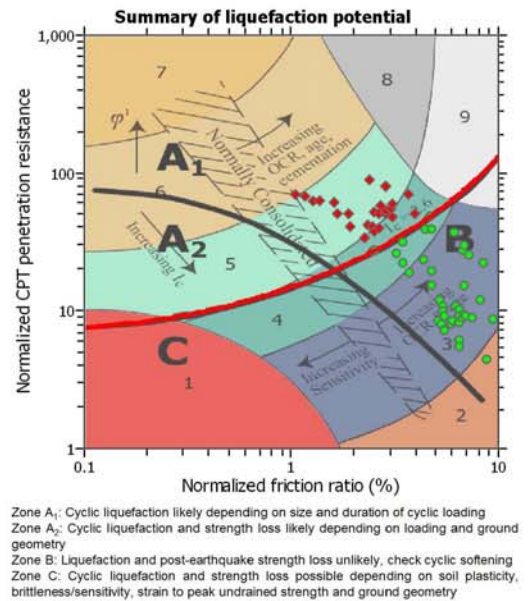
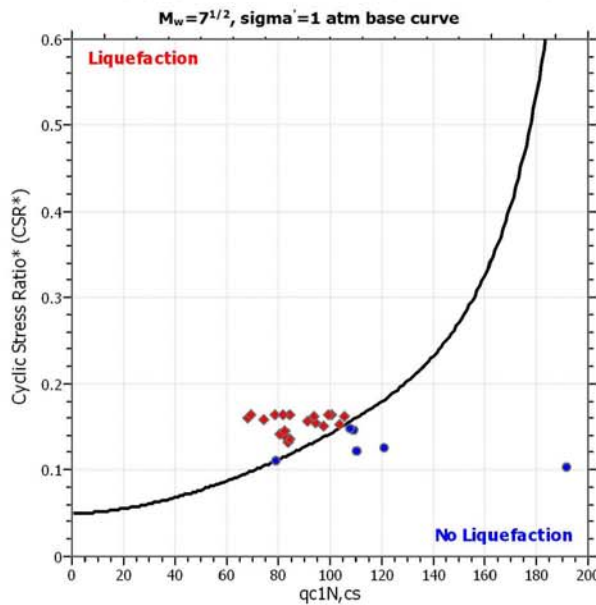
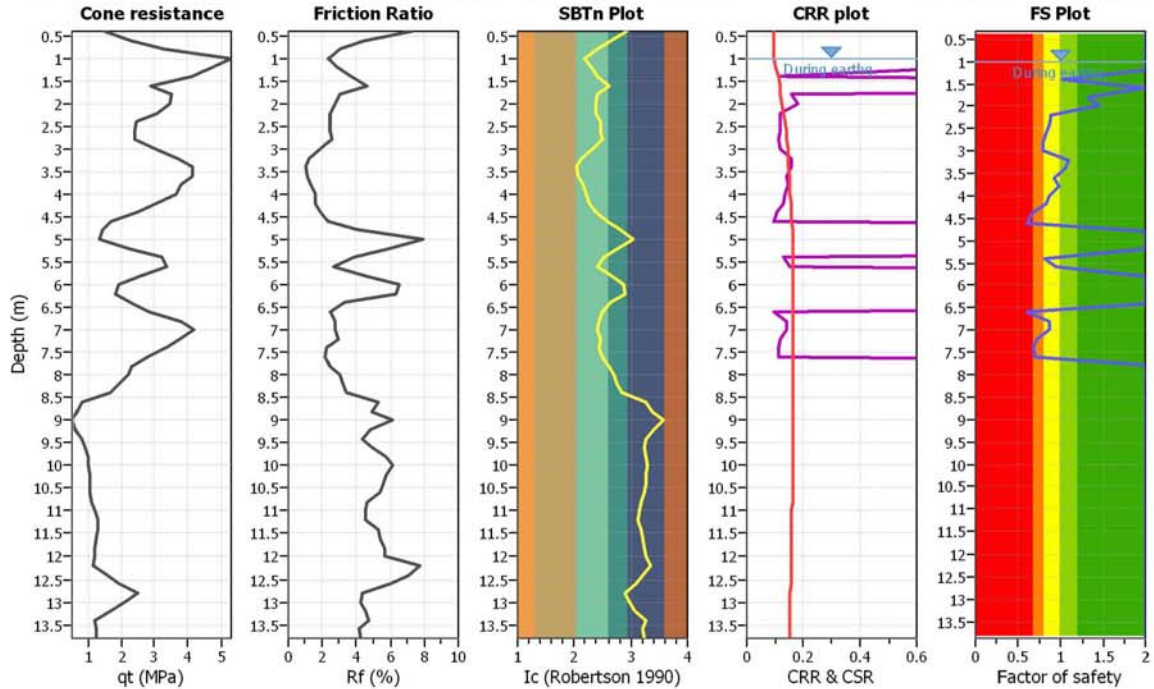
**Project title :**

**Location :**

**CPT file : 185140C175**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

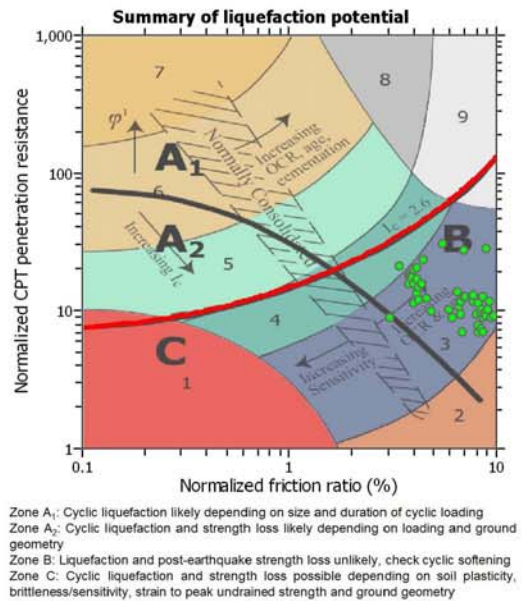
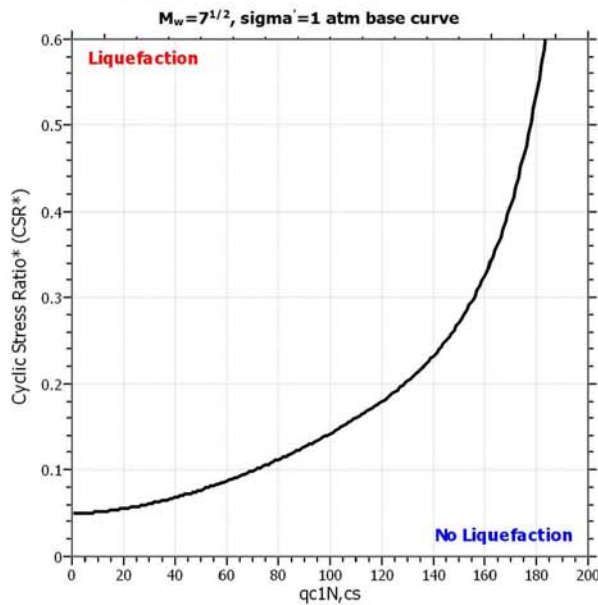
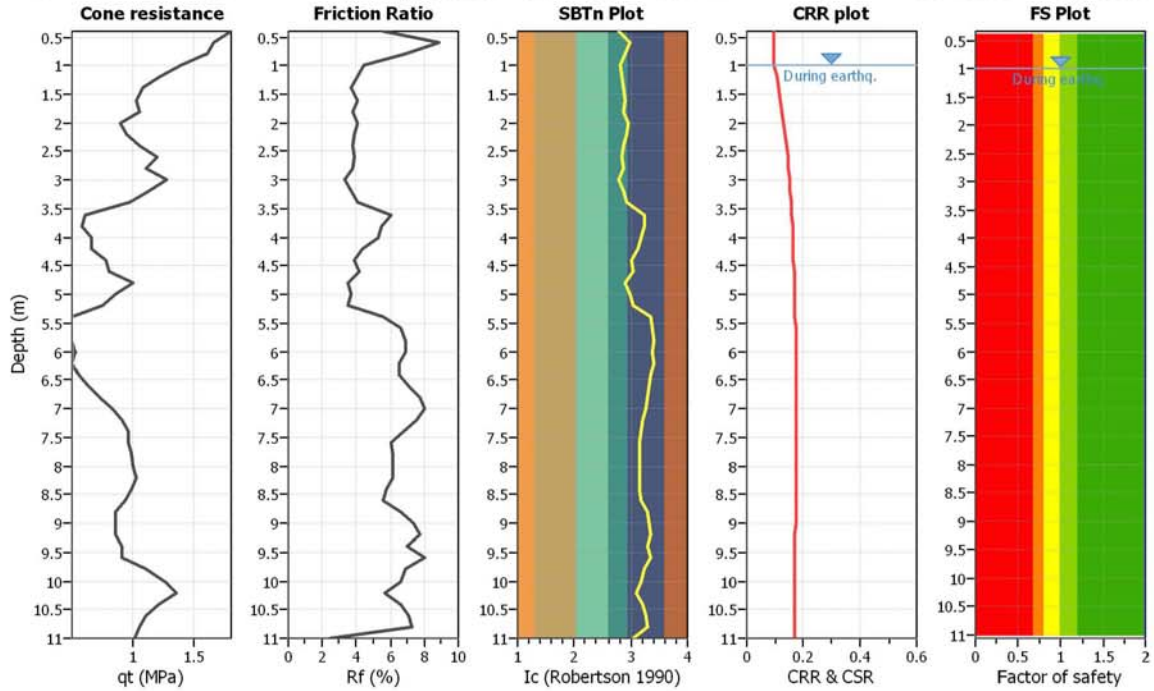
**Project title :**

**Location :**

**CPT file : 185140C222**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

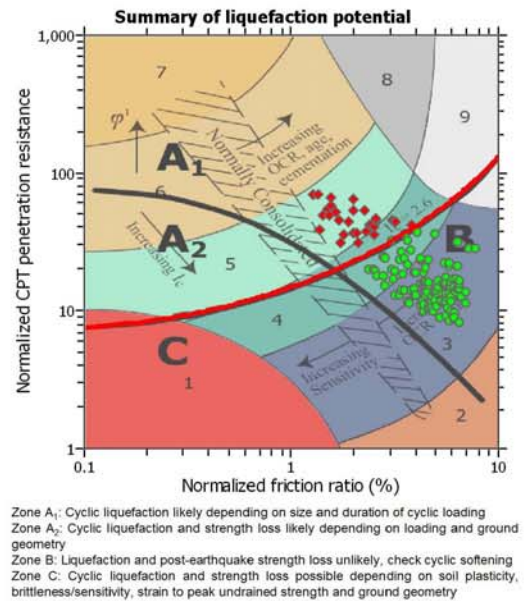
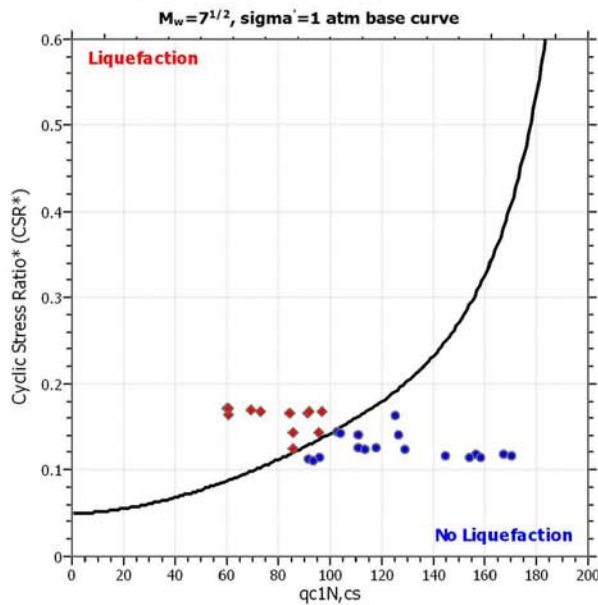
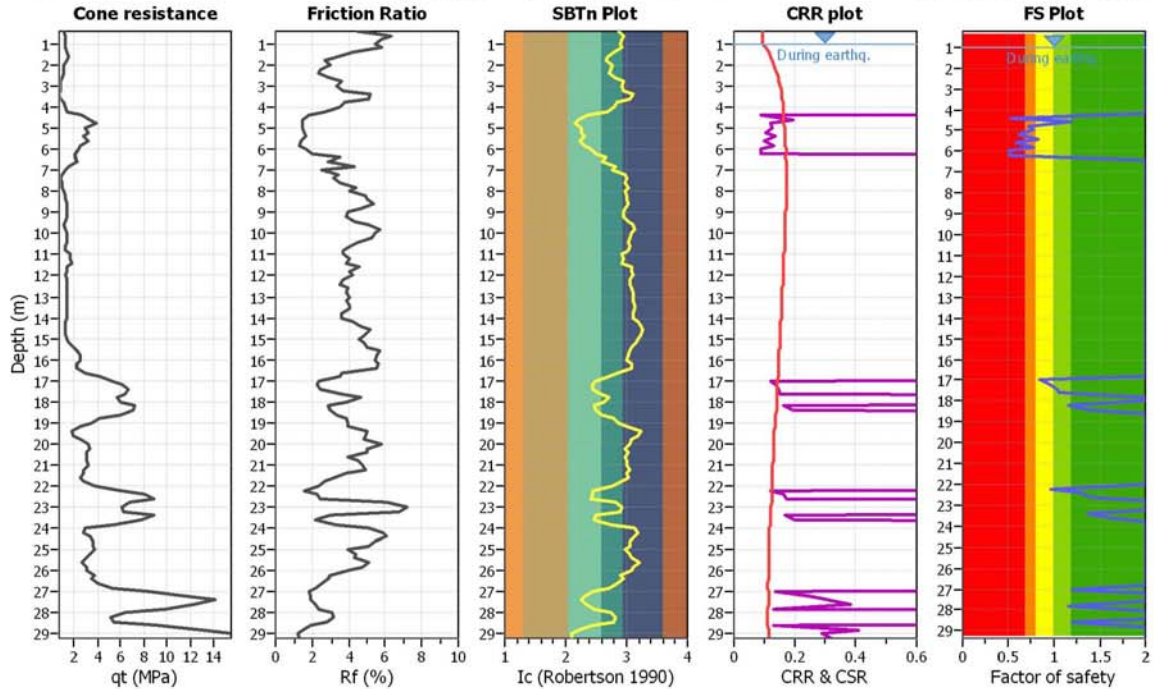
**Project title :**

**Location :**

**CPT file : 185140C249A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

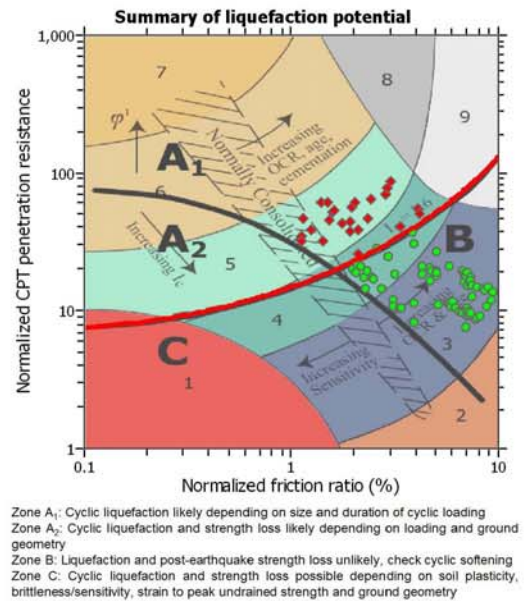
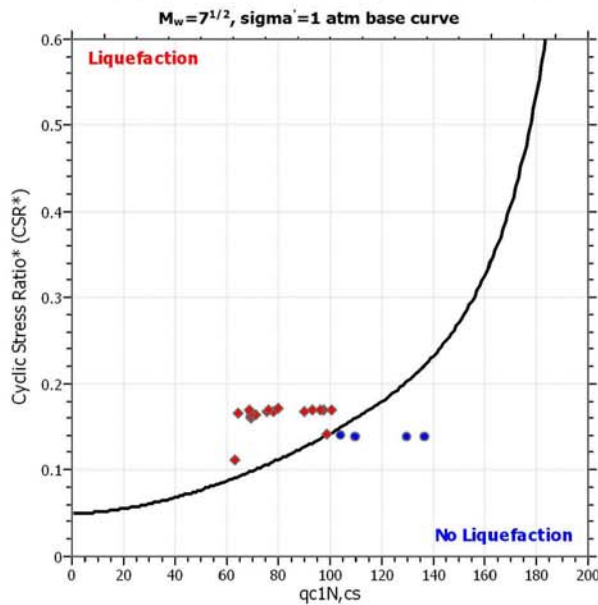
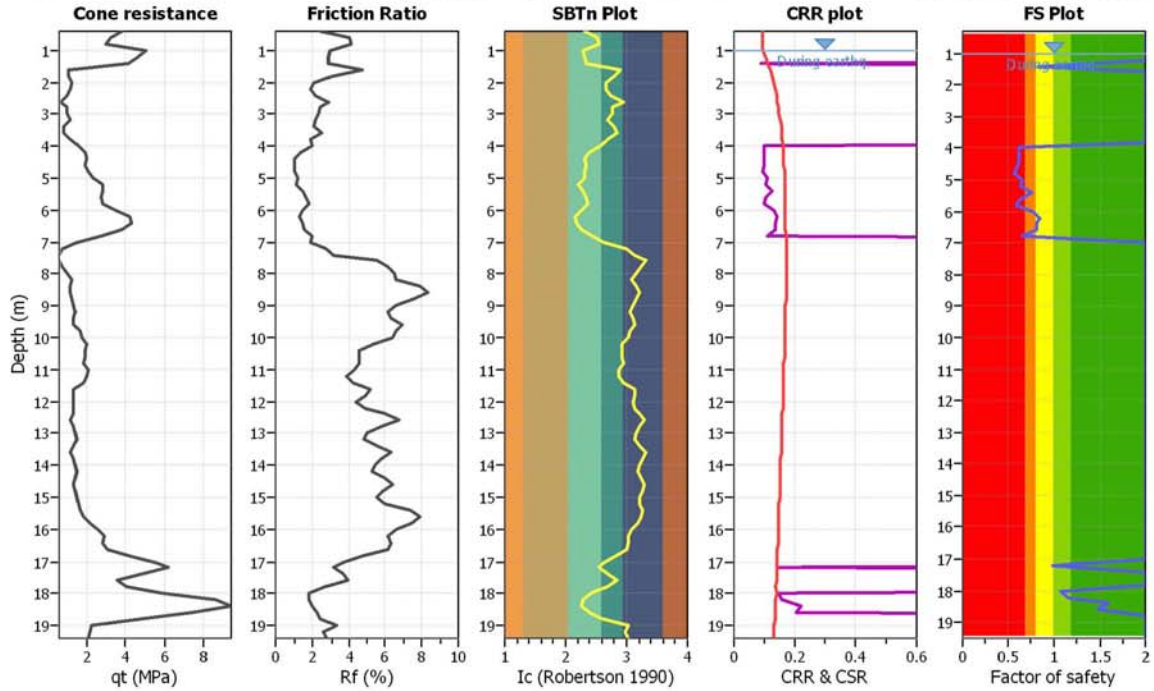
**Project title :**

**Location :**

**CPT file : 185140C249B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

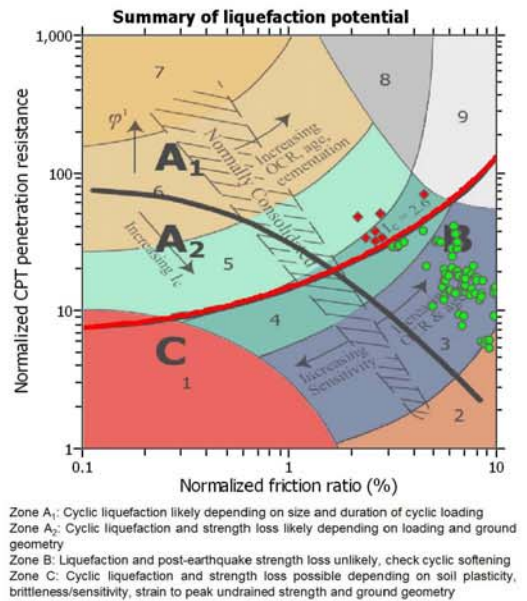
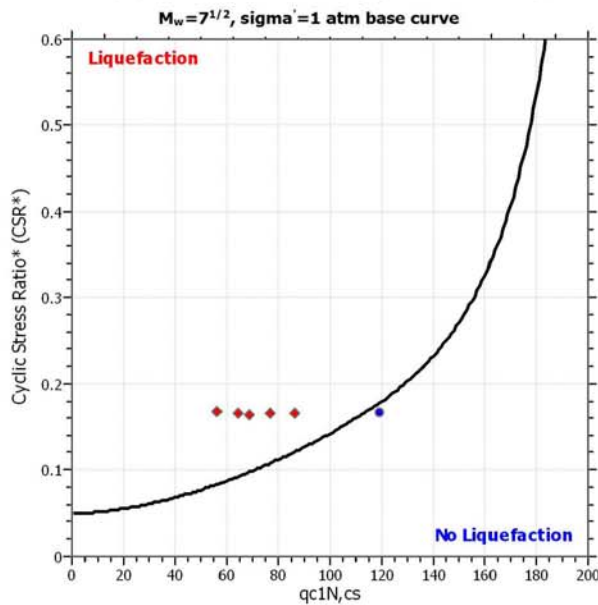
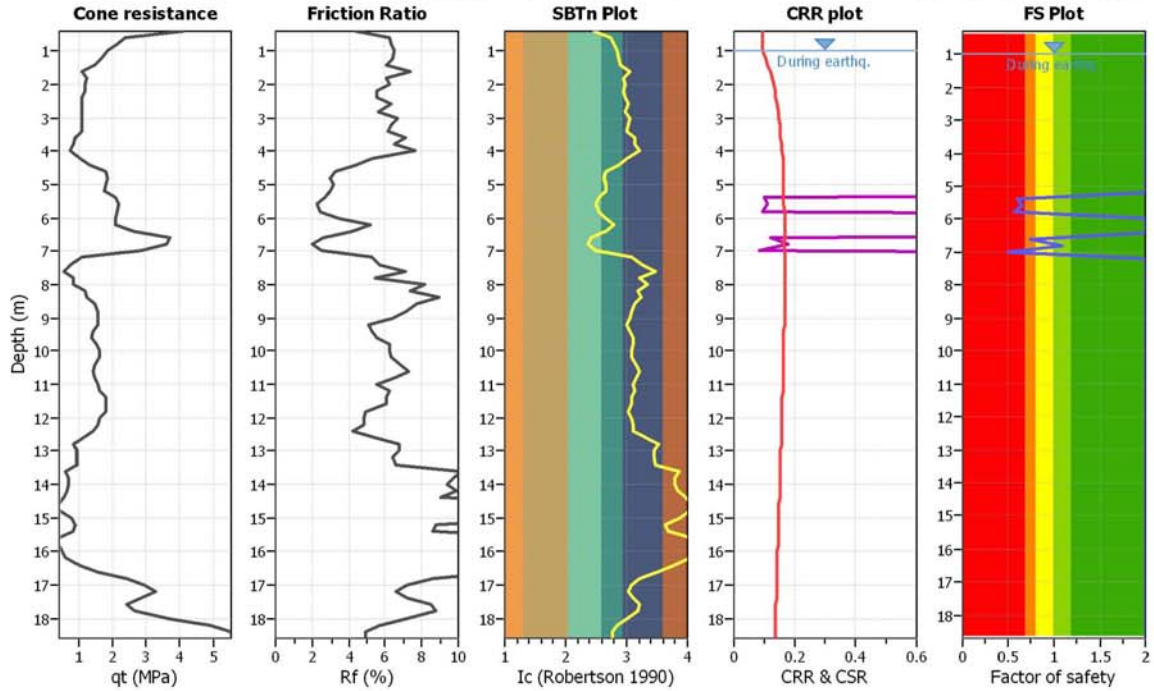
**Project title :**

**Location :**

**CPT file : 185140C249C**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

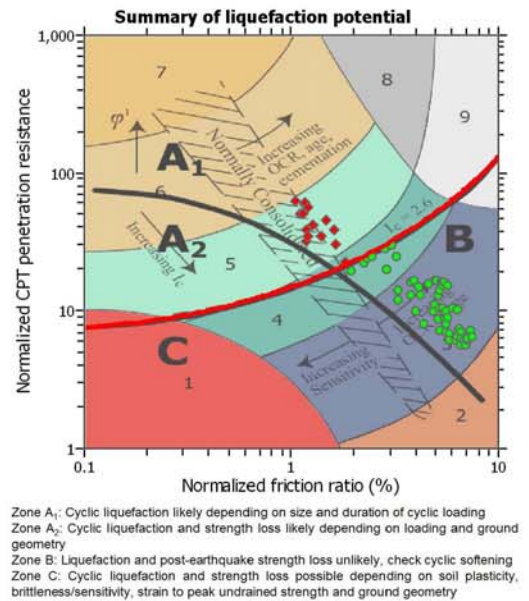
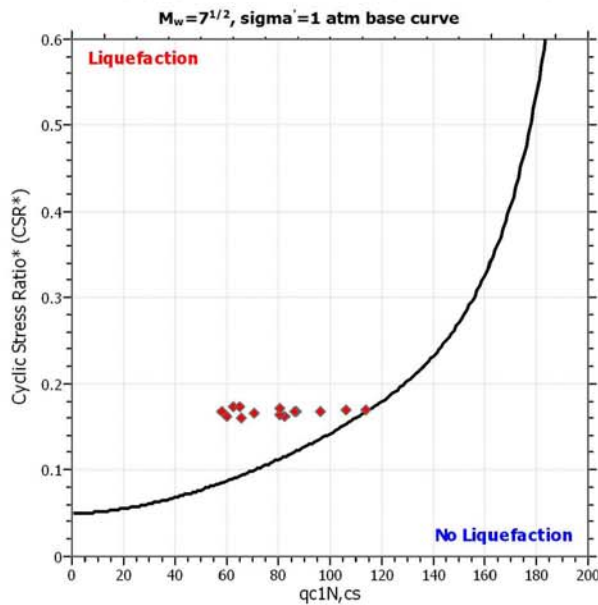
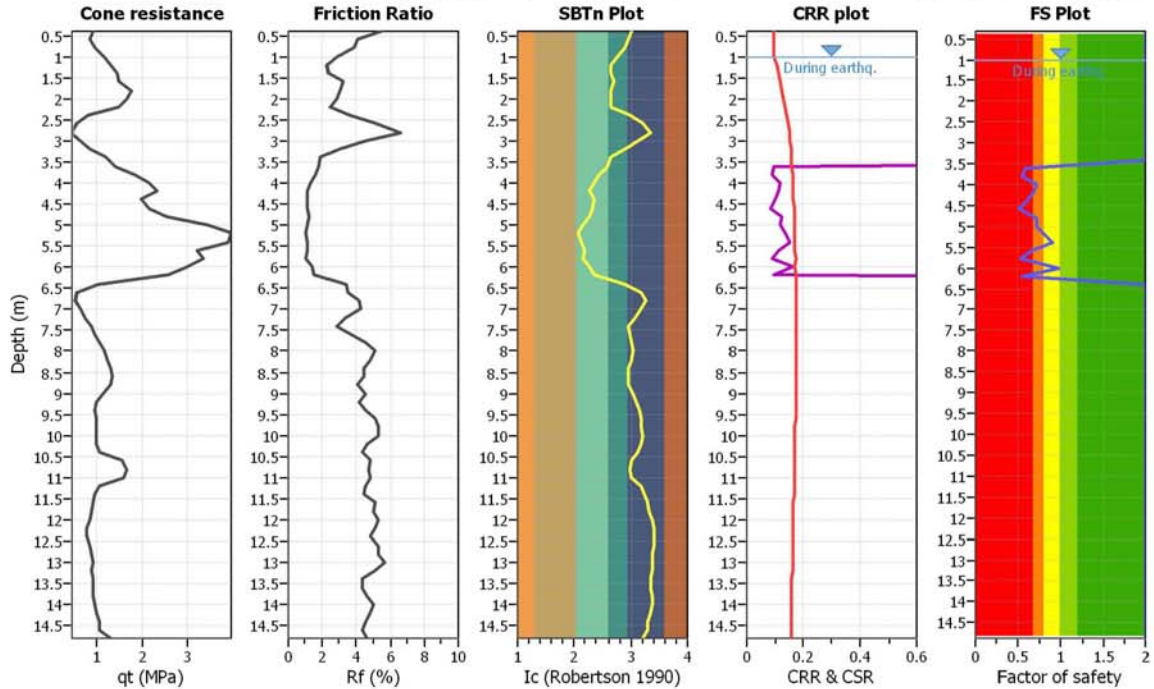
**Project title :**

**Location :**

**CPT file : 185140C250**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

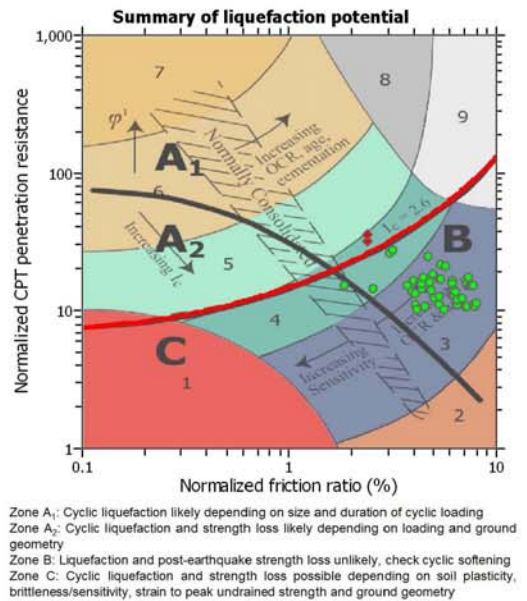
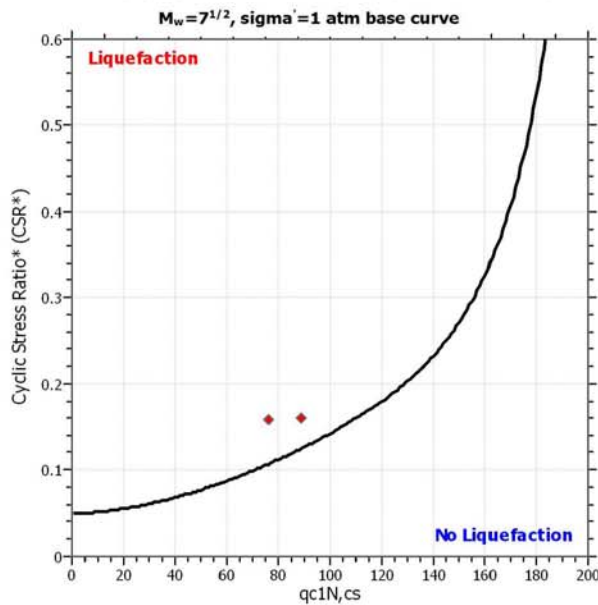
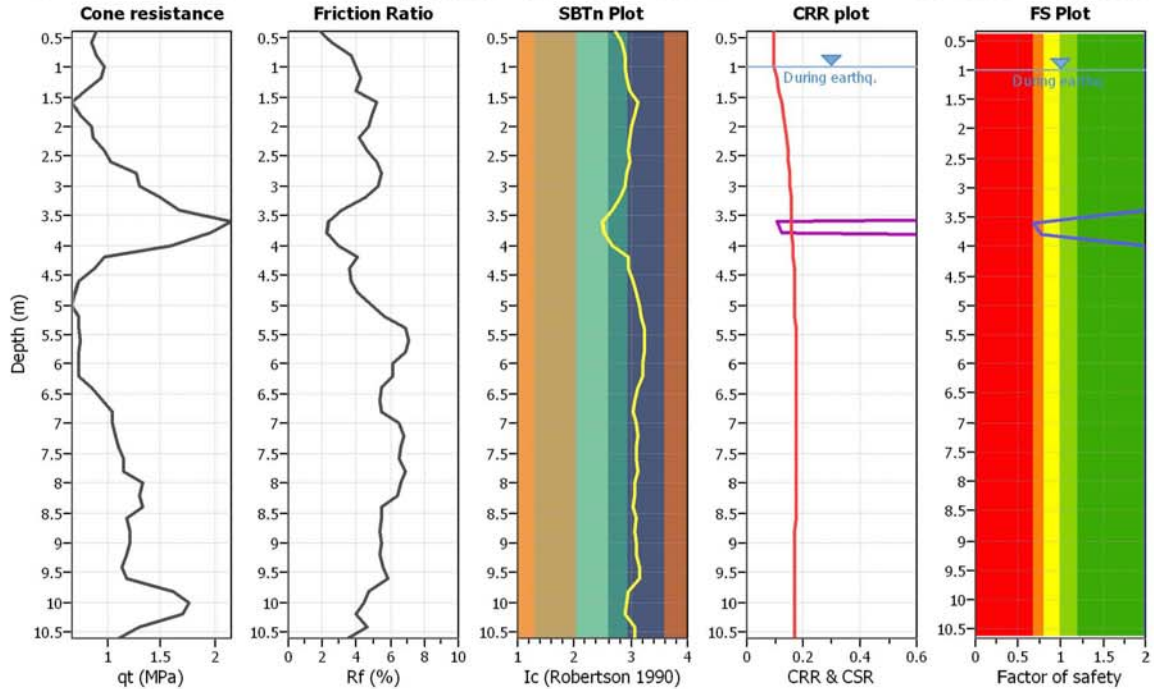
**Project title :**

**Location :**

**CPT file : 185140C255**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

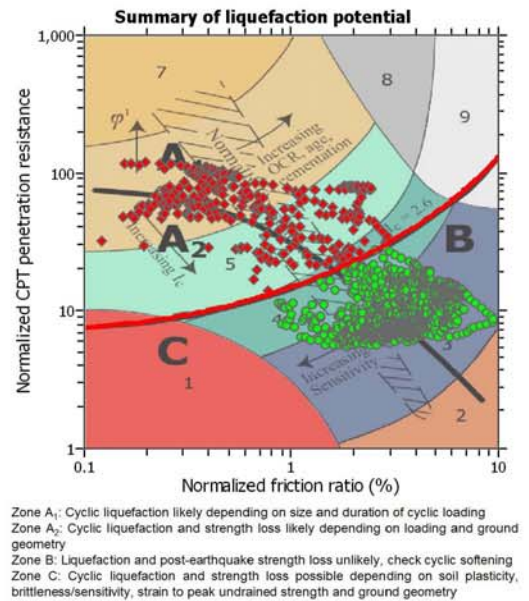
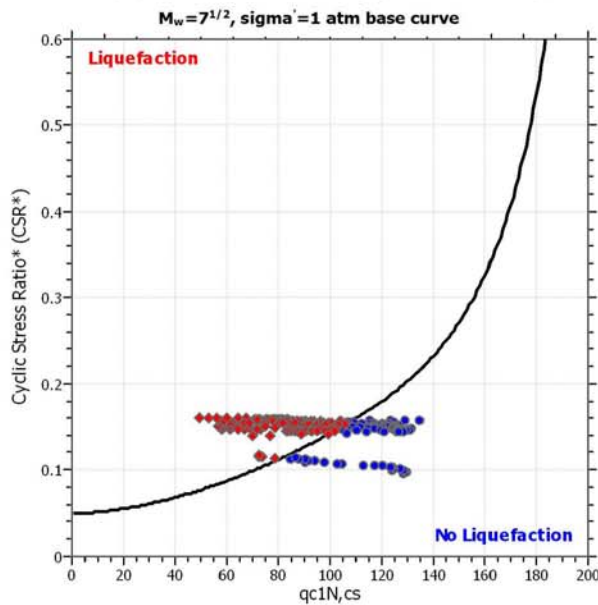
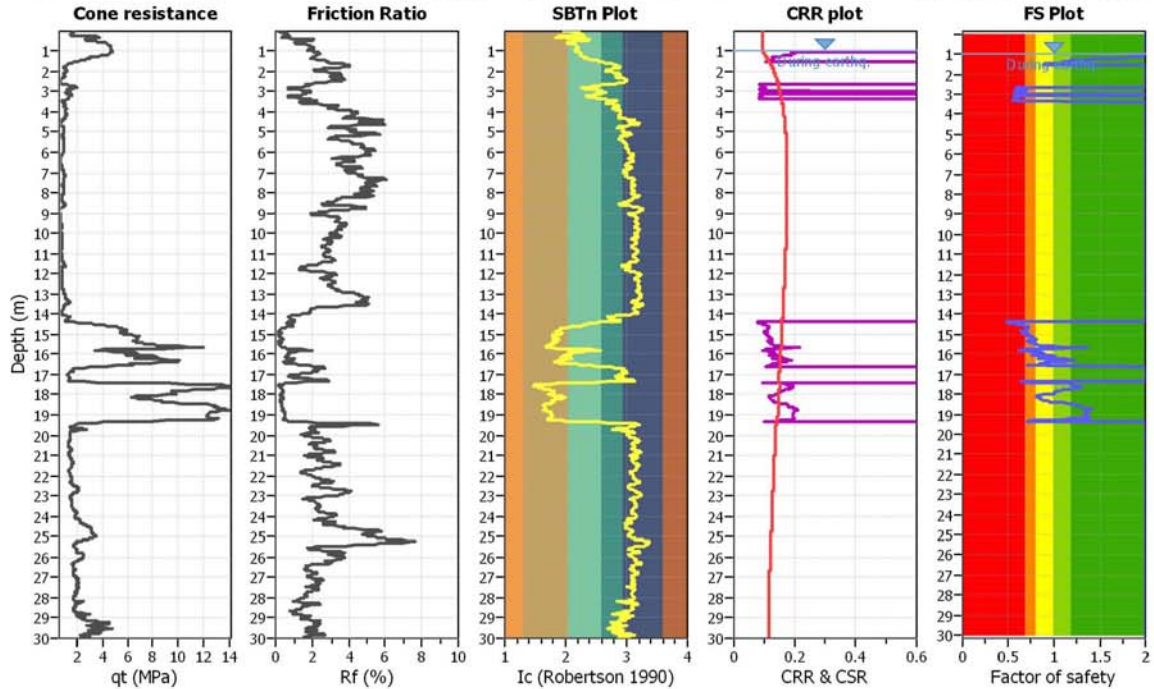
**Project title :**

**Location :**

**CPT file : 185140U002**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

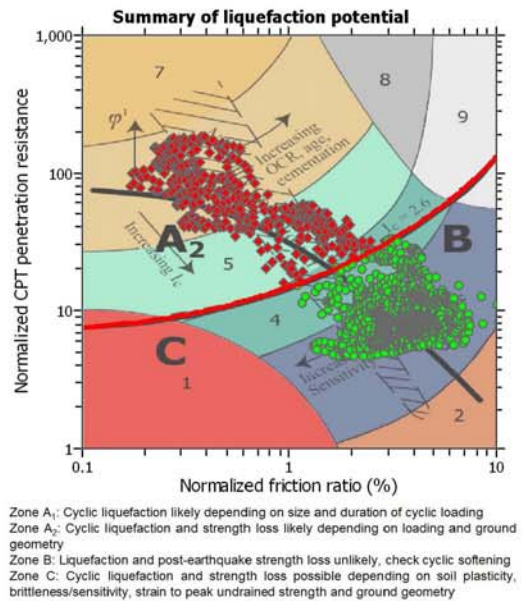
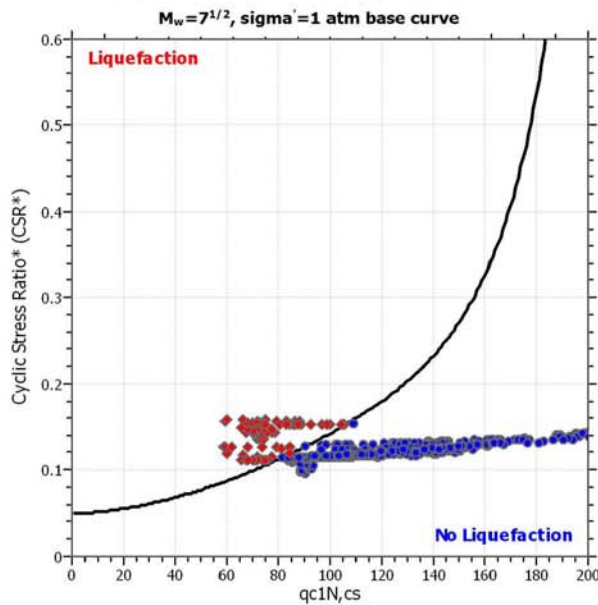
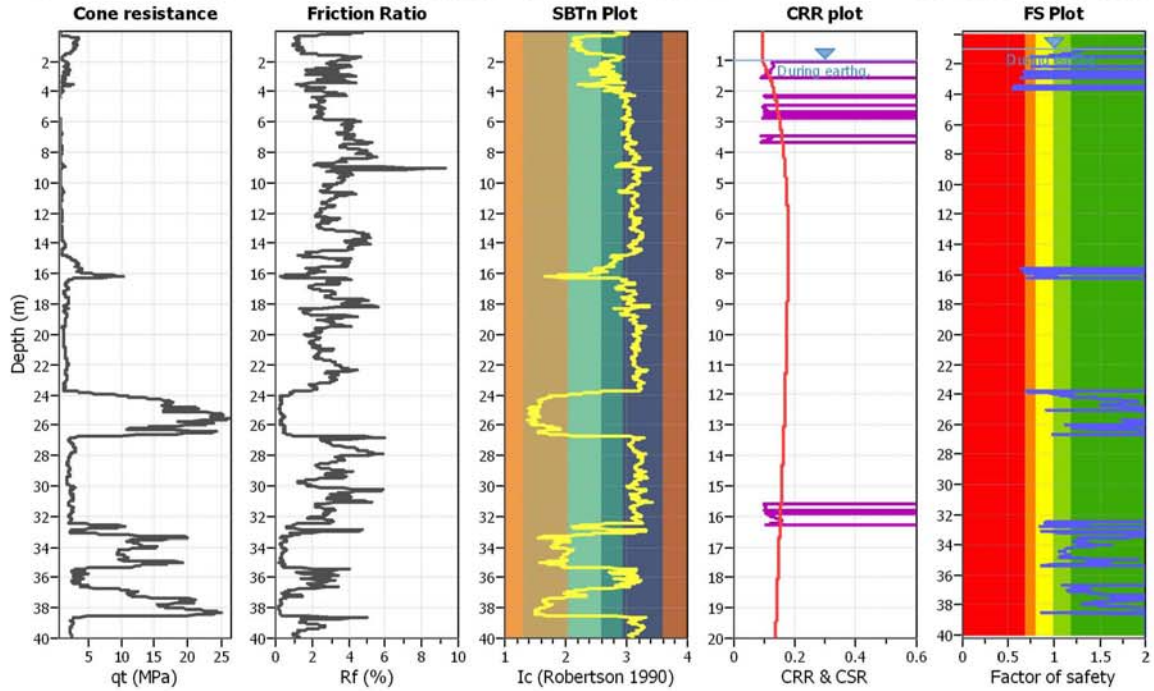
**Project title :**

**Location :**

**CPT file : 185140U003**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

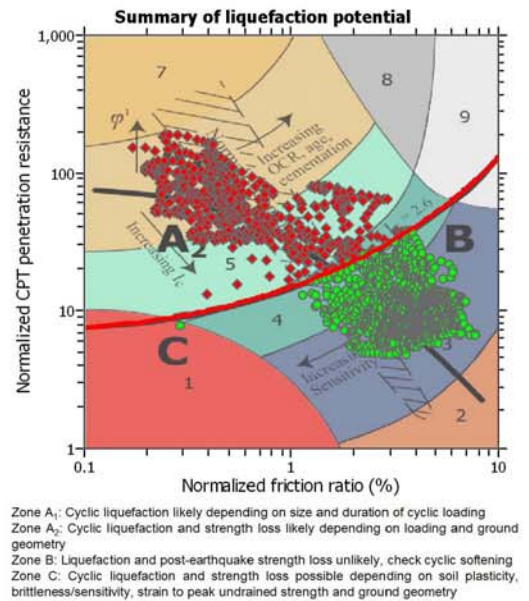
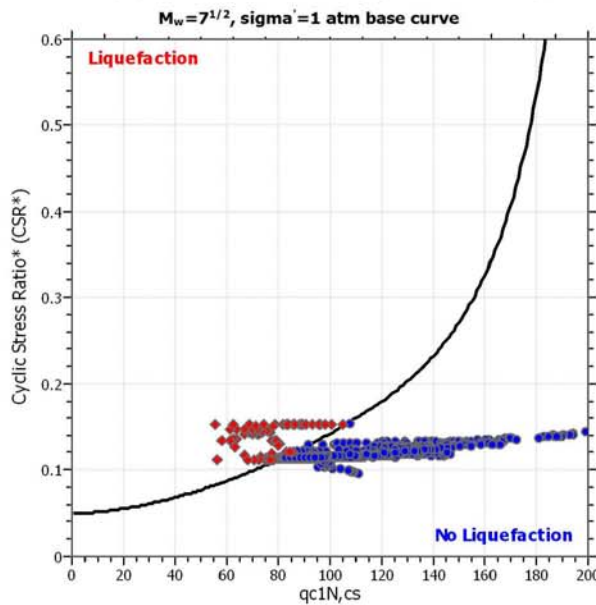
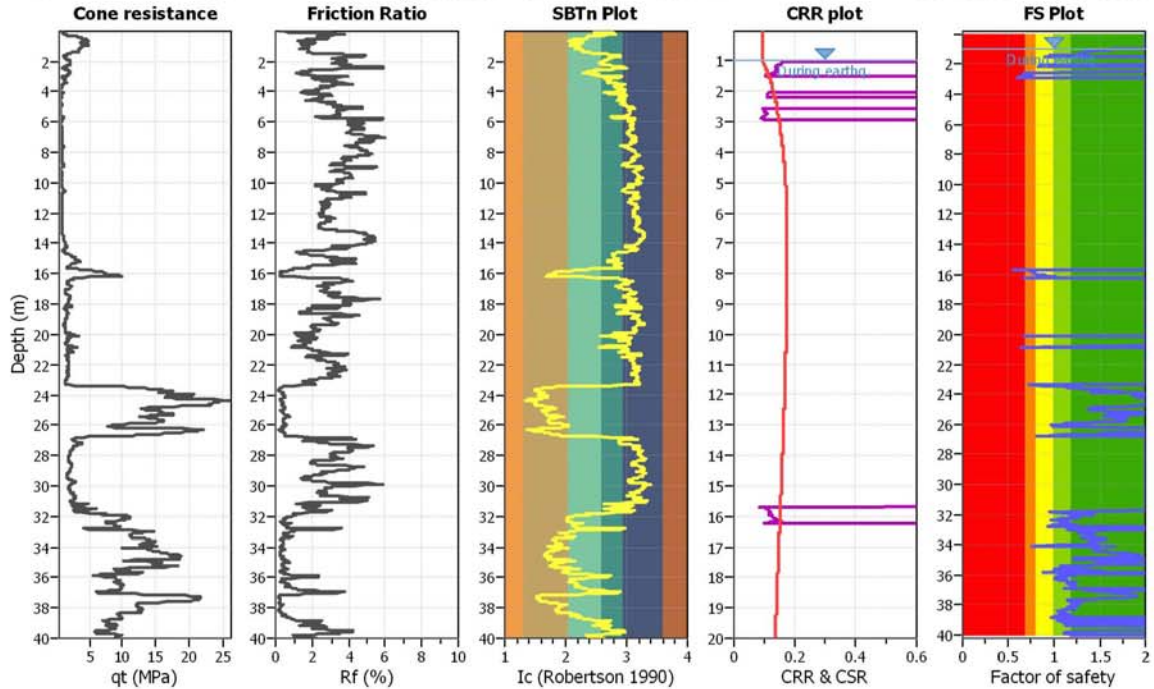
**Project title :**

**Location :**

**CPT file : 185140U004**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

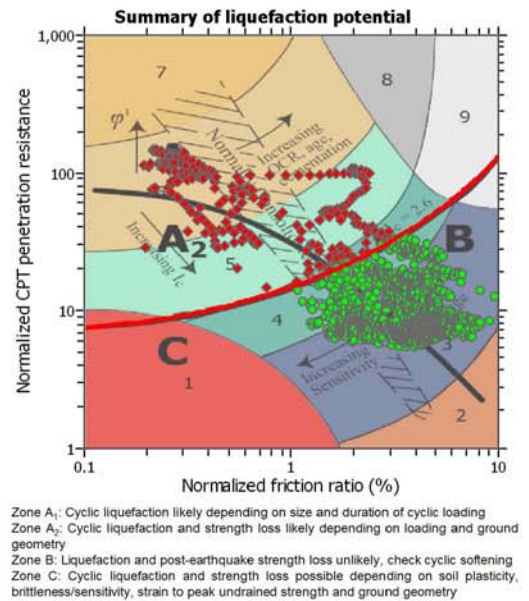
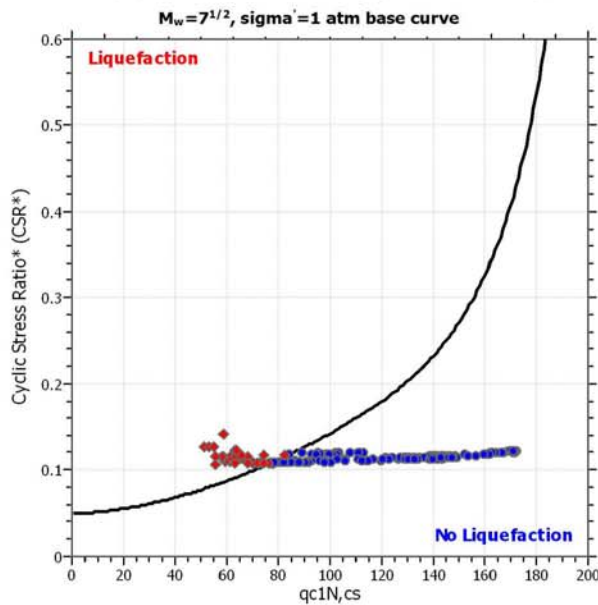
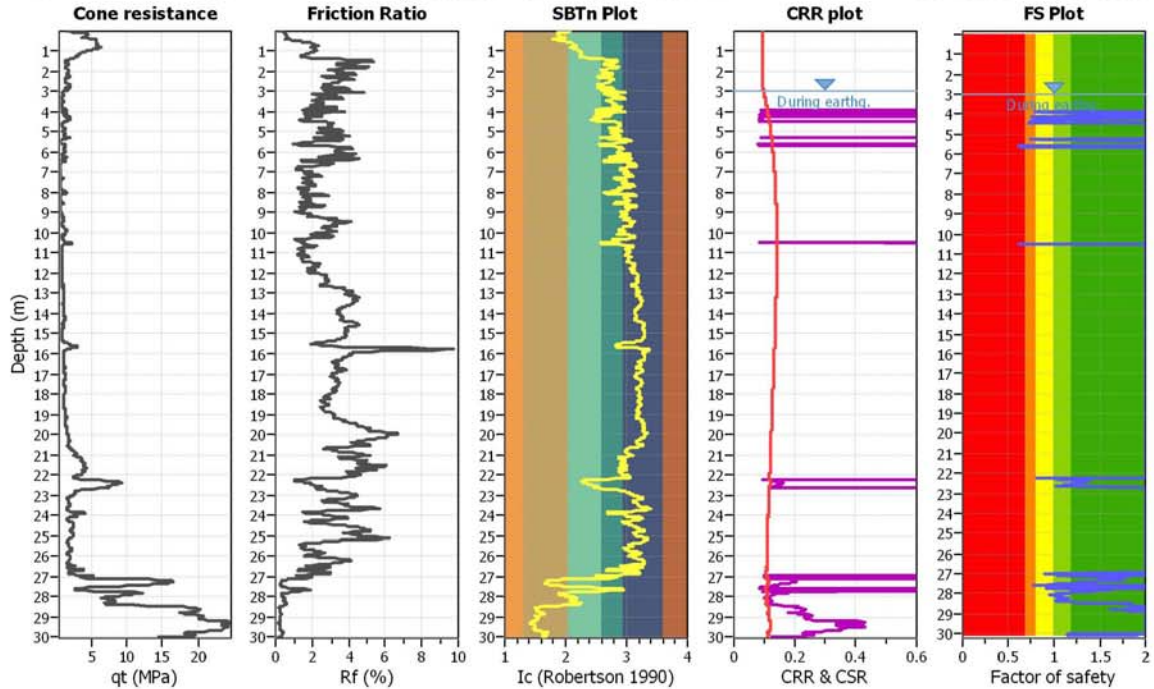
**Project title :**

**Location :**

**CPT file : 185140U005**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

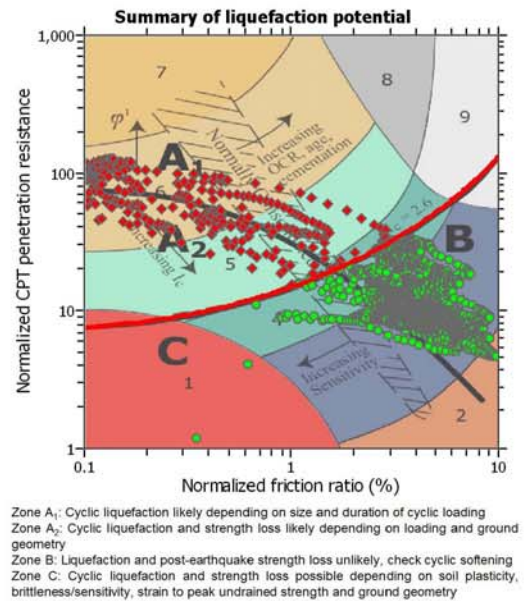
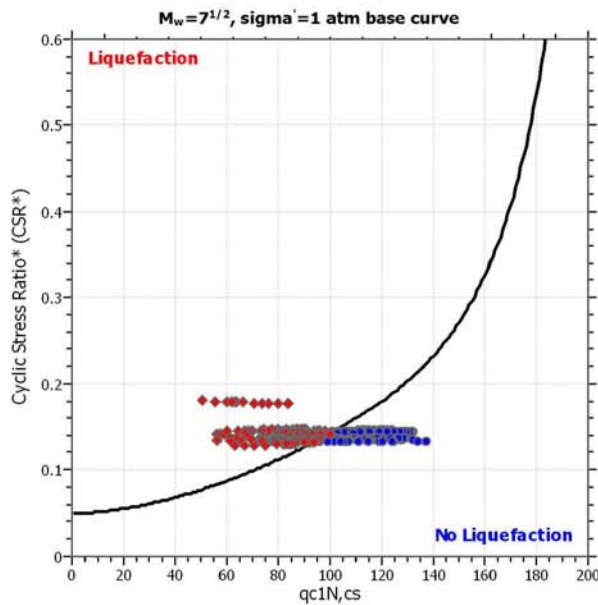
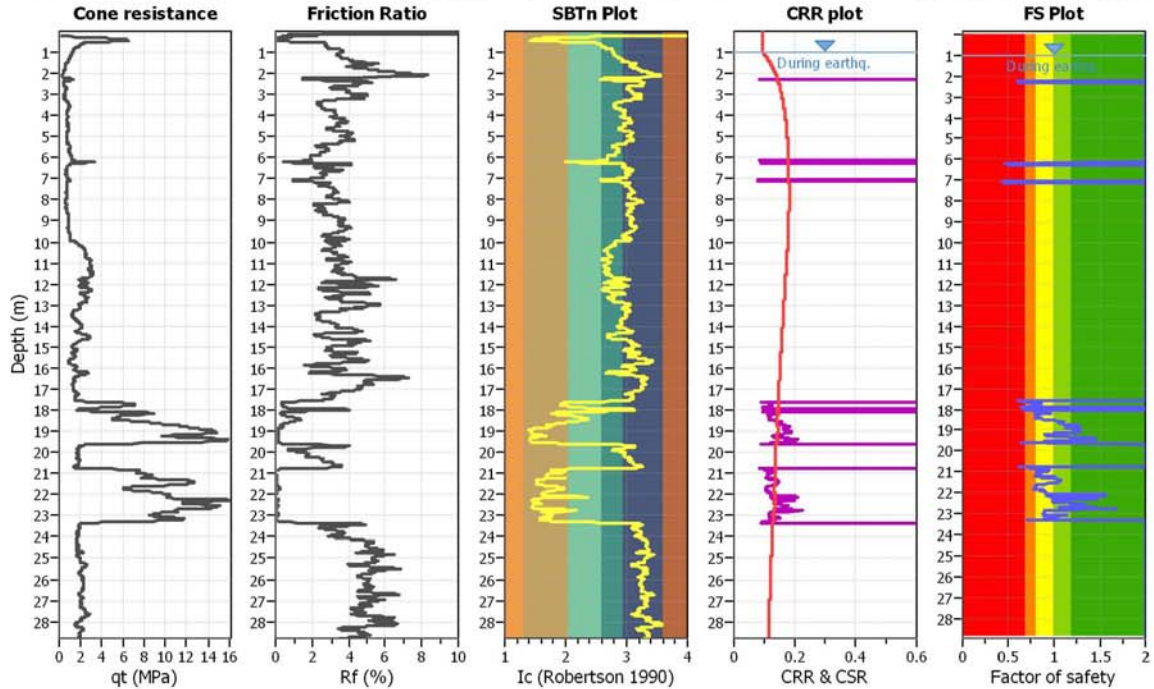
**Project title :**

**Location :**

**CPT file : 202040B999**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

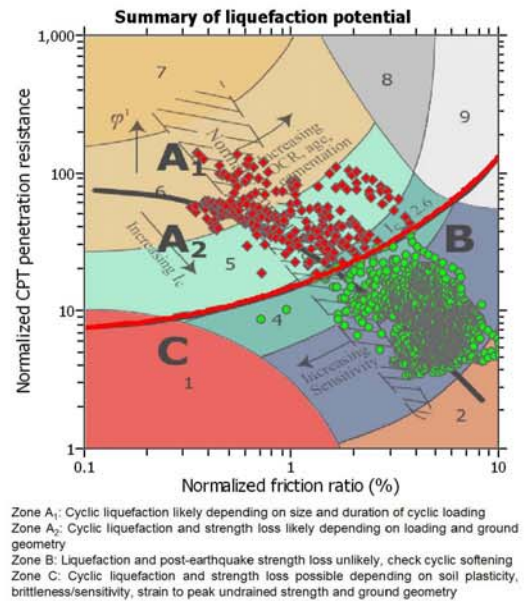
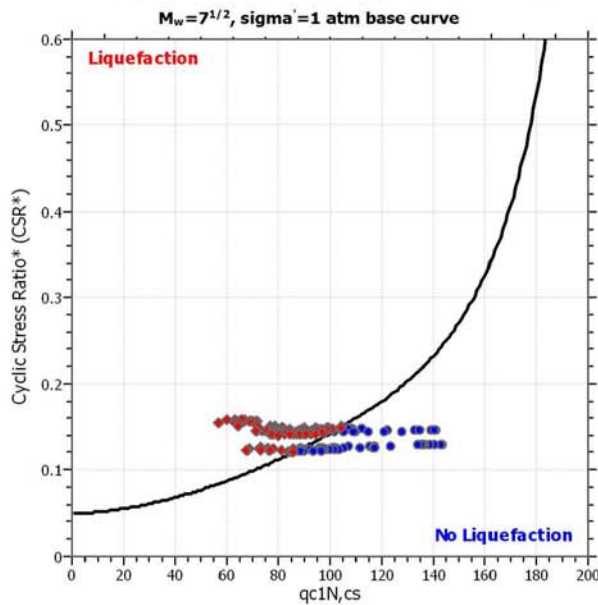
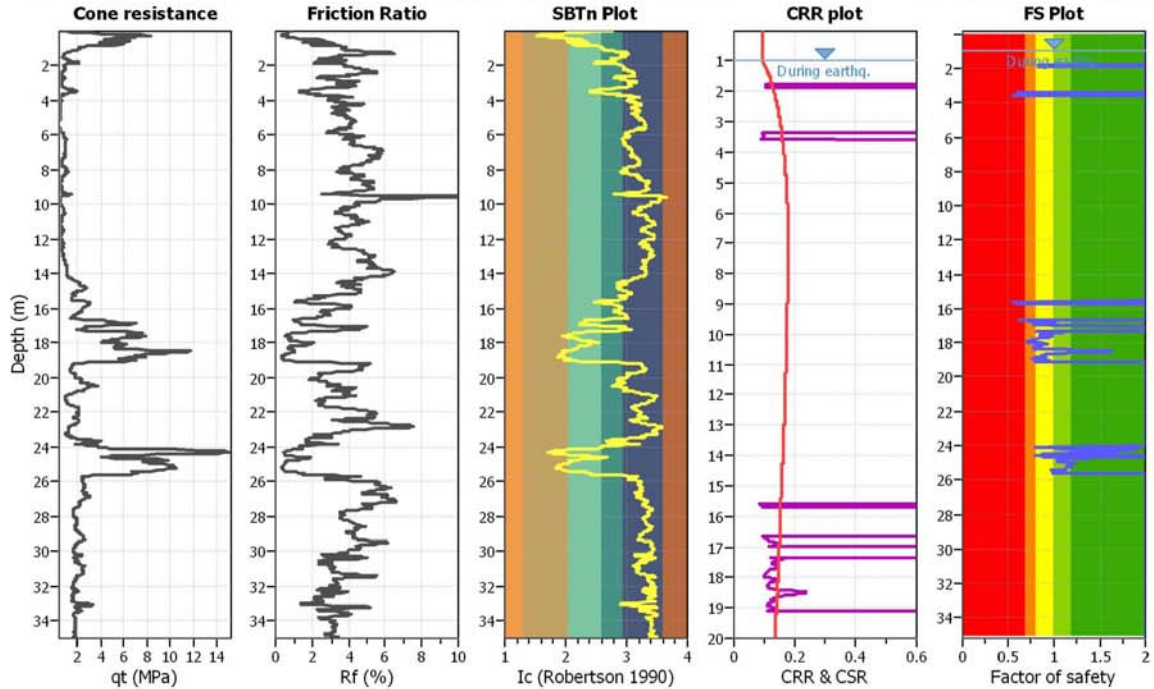
**Project title :**

**Location :**

**CPT file : 203010B001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

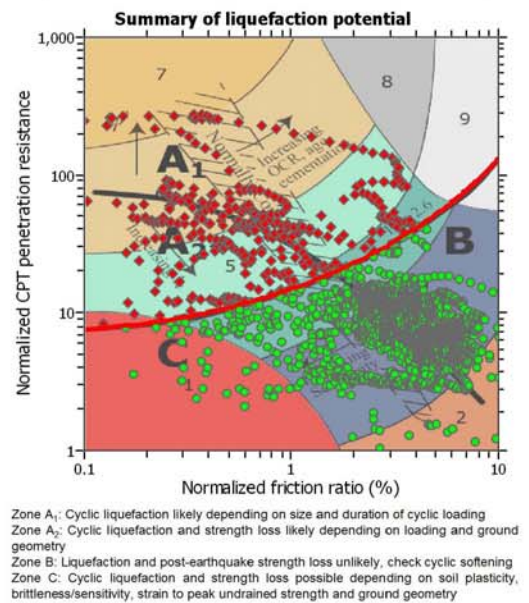
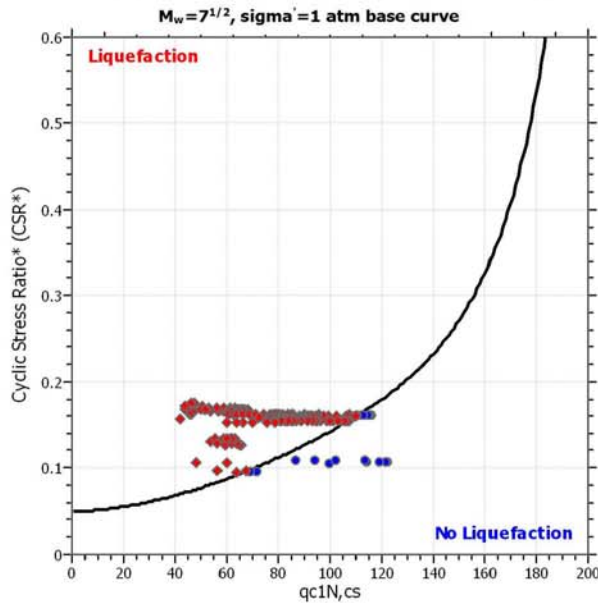
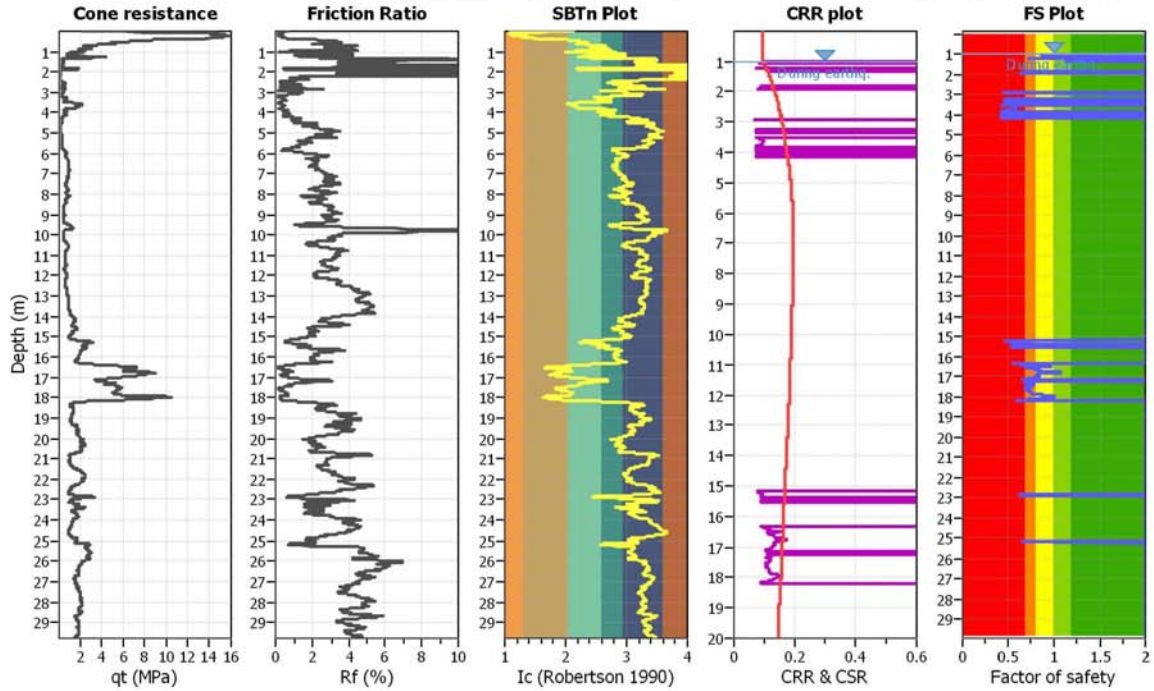
**Project title :**

**Location :**

**CPT file : 203010B999**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

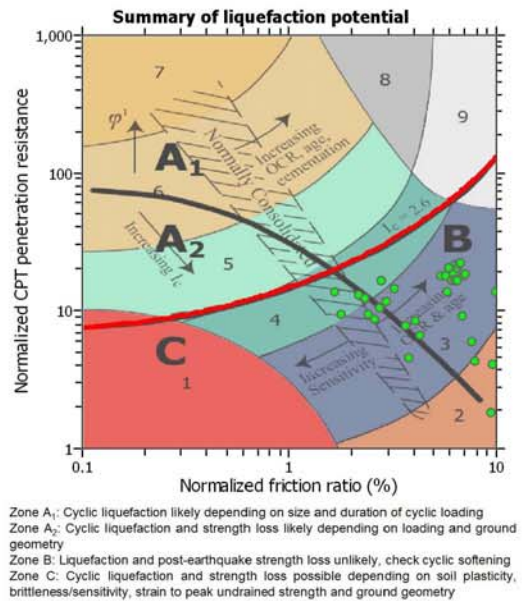
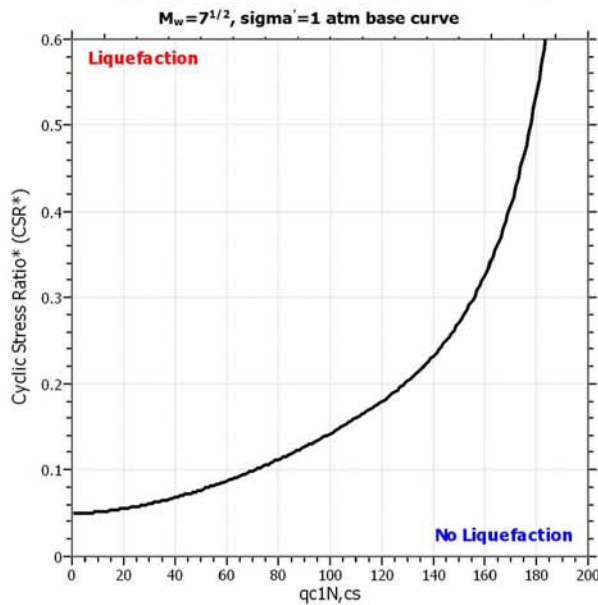
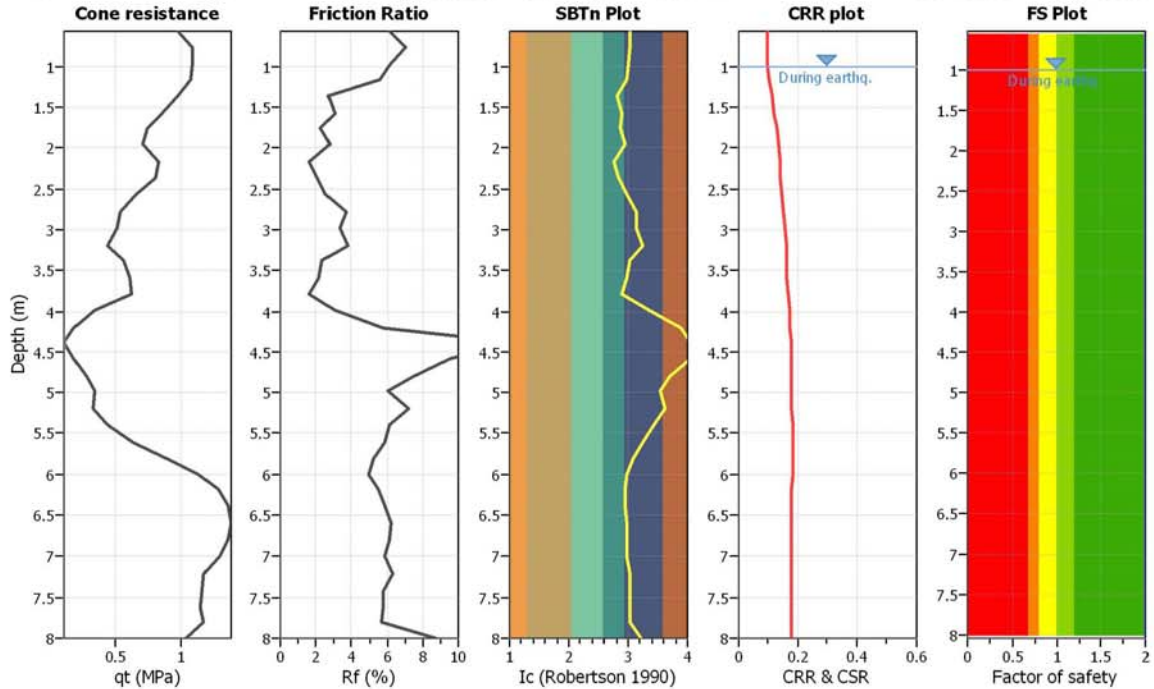
**Project title :**

**Location :**

**CPT file : 203010C001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

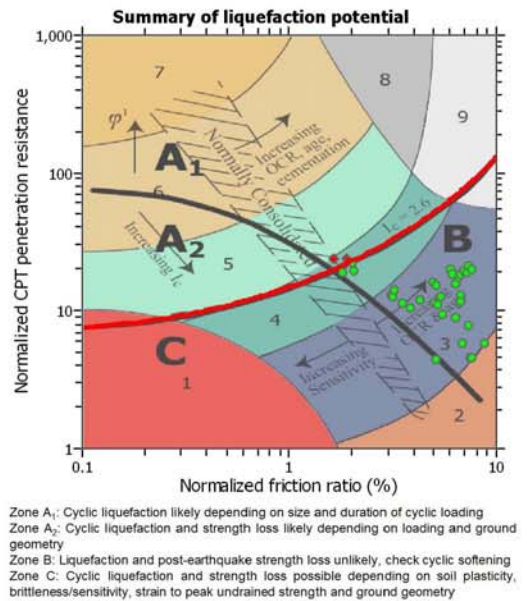
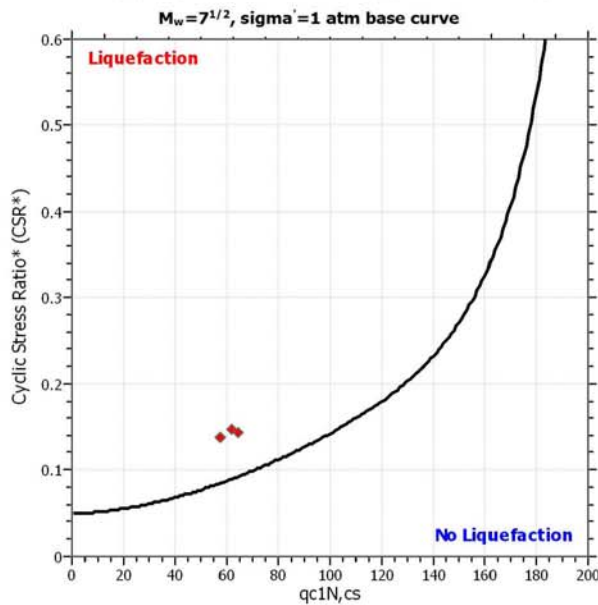
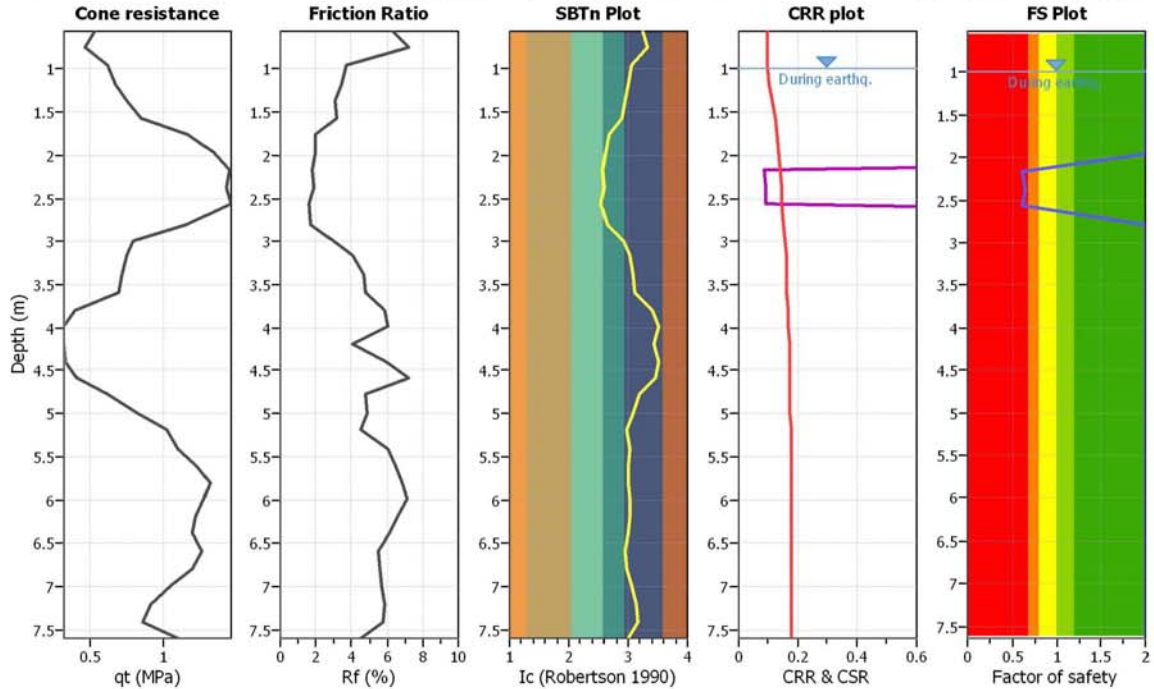
**Project title :**

**Location :**

**CPT file : 203010C002**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

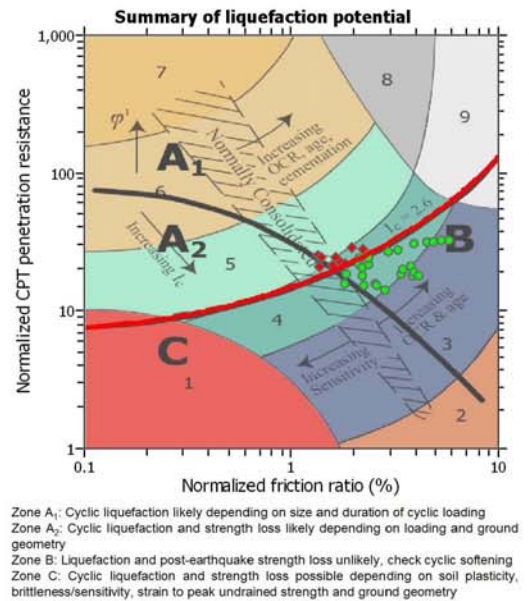
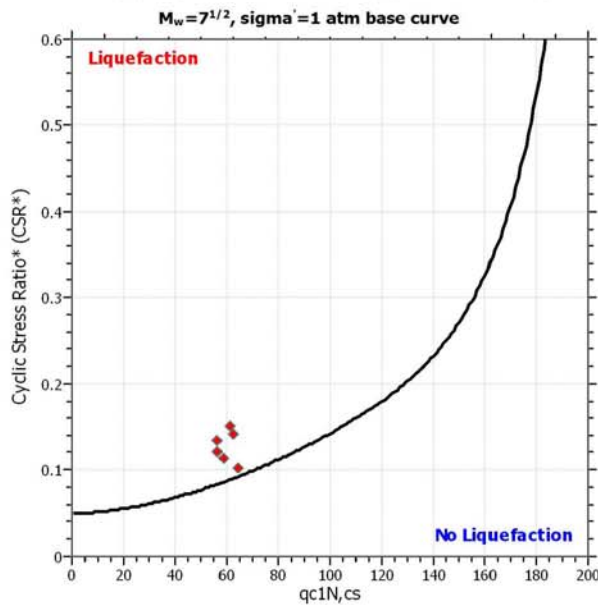
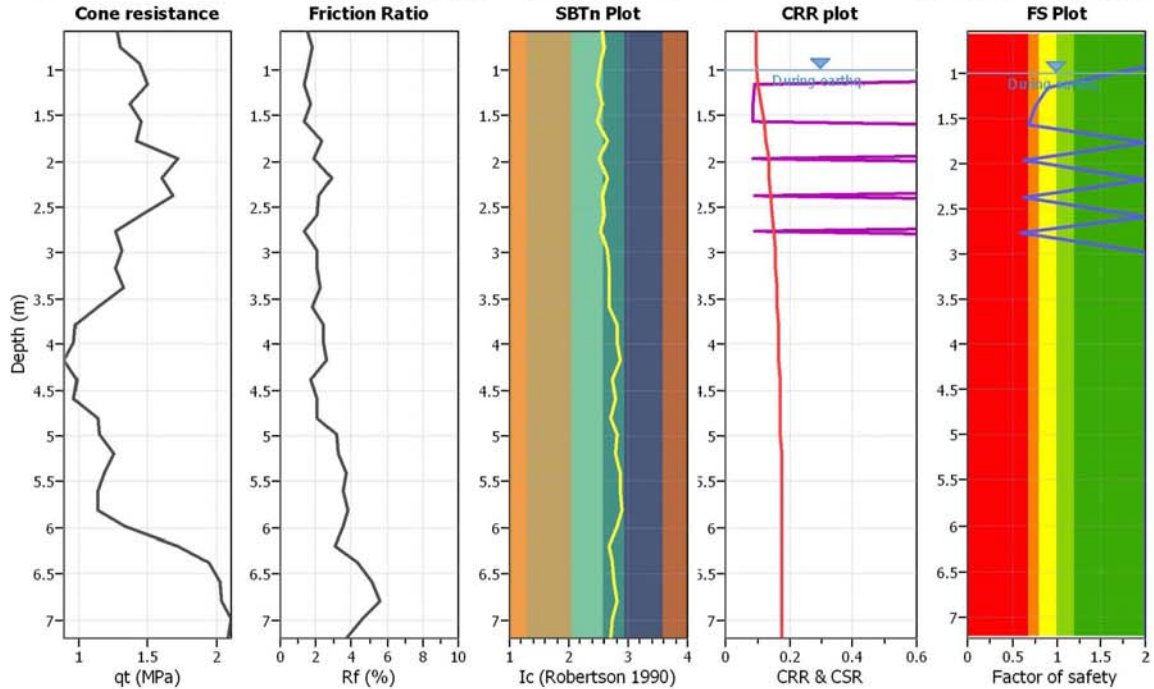
**Project title :**

**Location :**

**CPT file : 203010C003**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

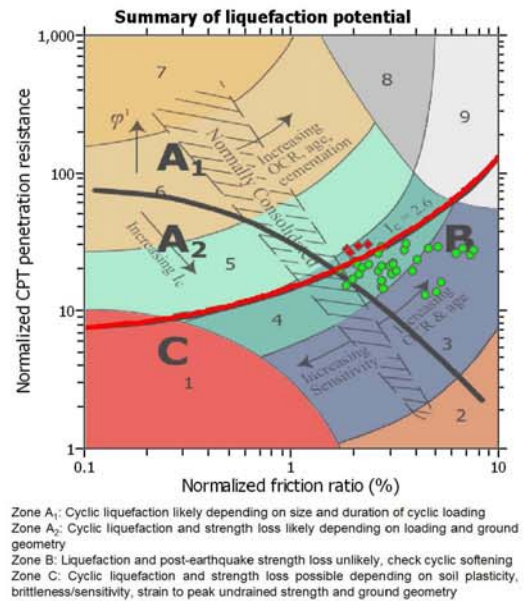
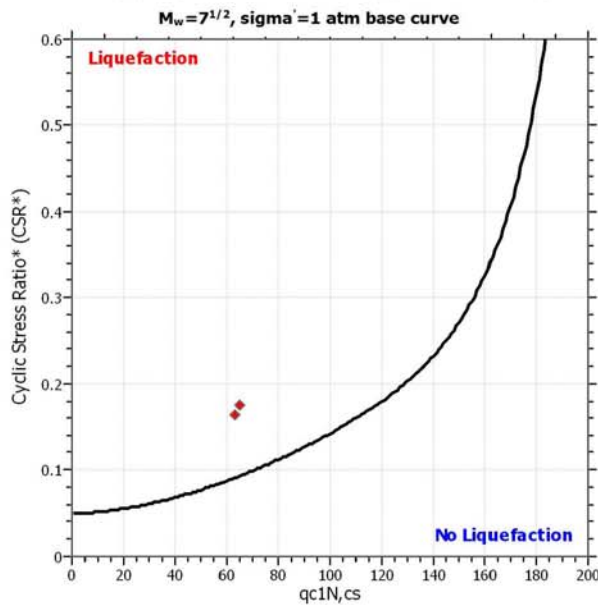
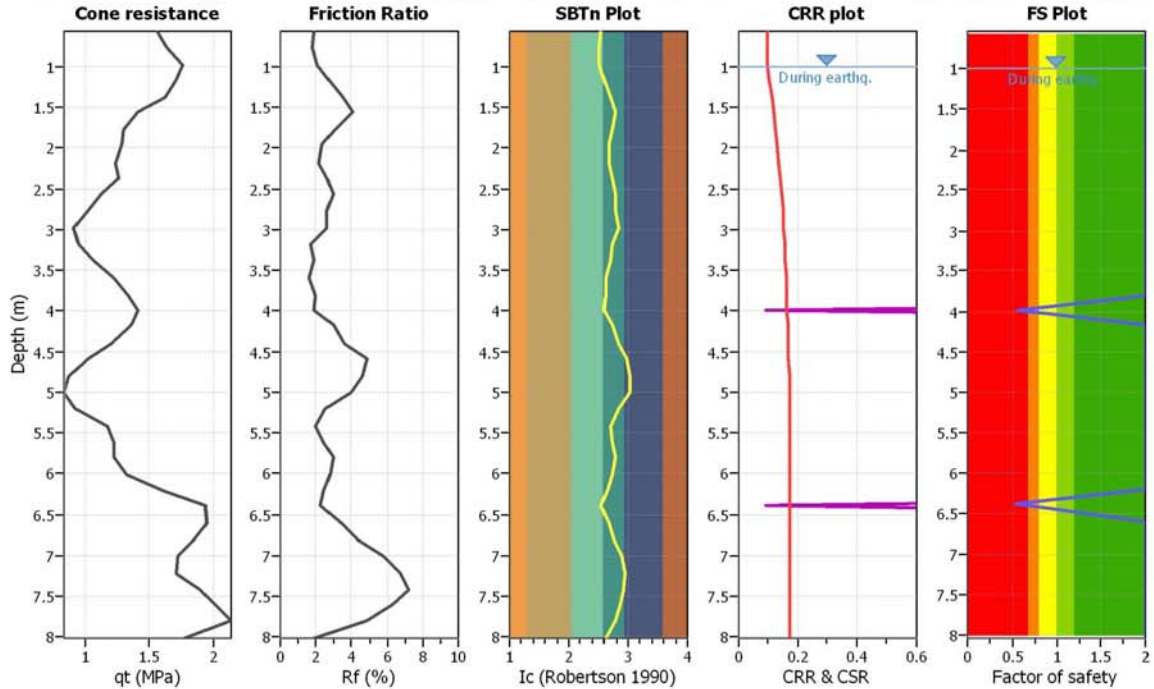
**Project title :**

**Location :**

**CPT file : 203010C004**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

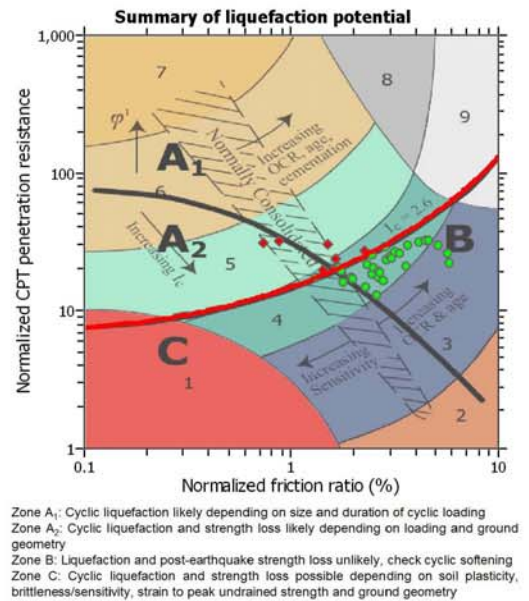
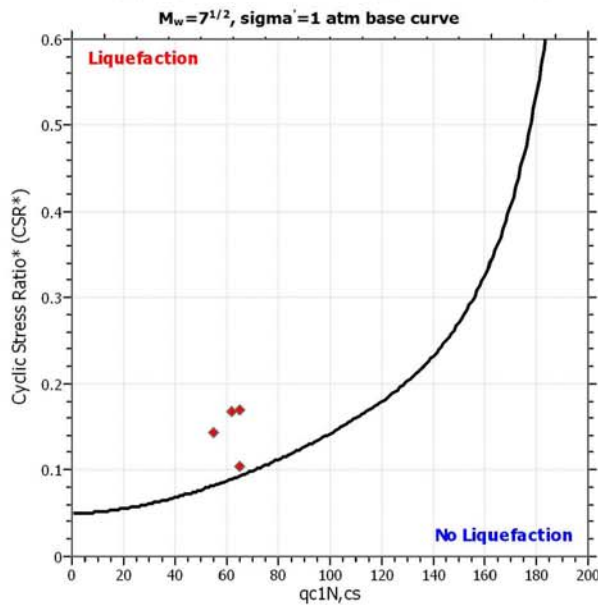
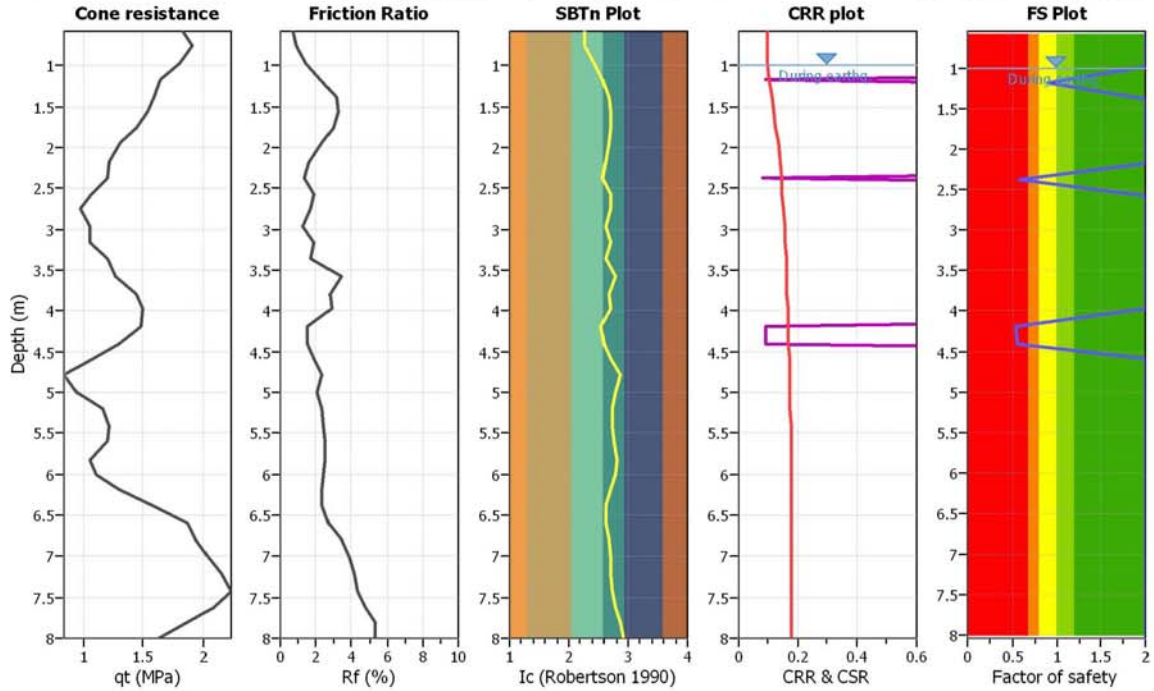
**Project title :**

**Location :**

**CPT file : 203010C005**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

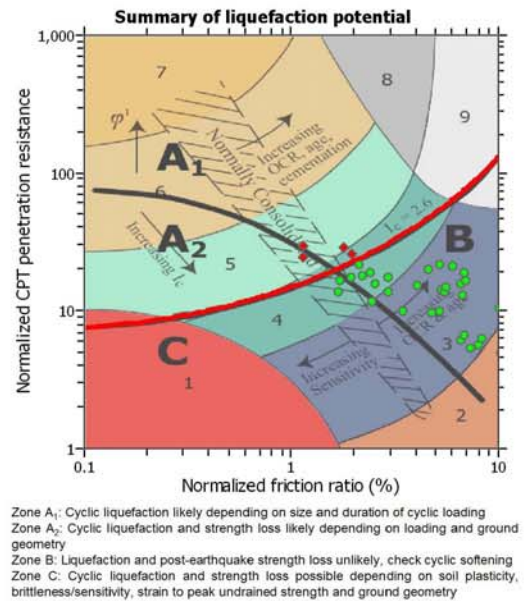
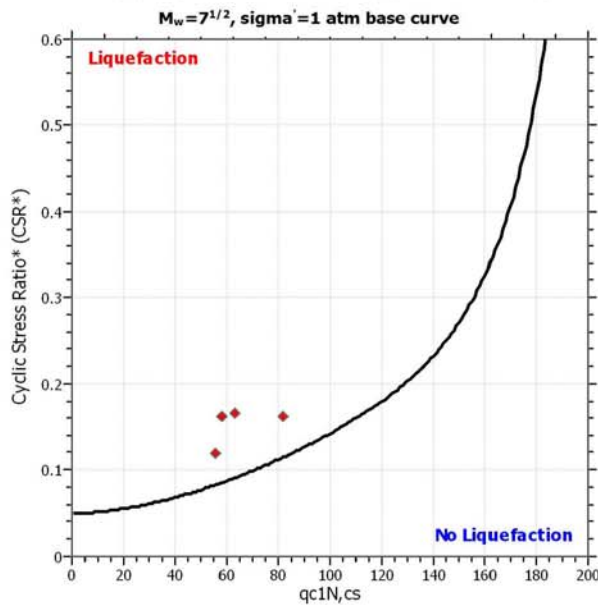
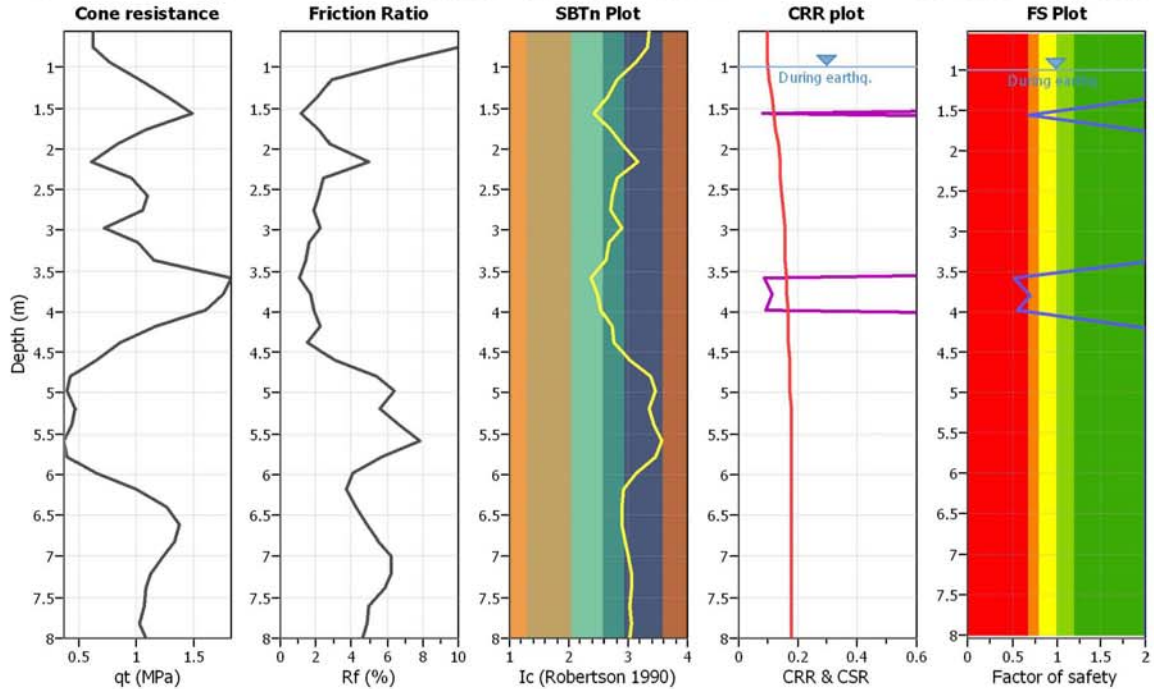
**Project title :**

**Location :**

**CPT file : 203010C006**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

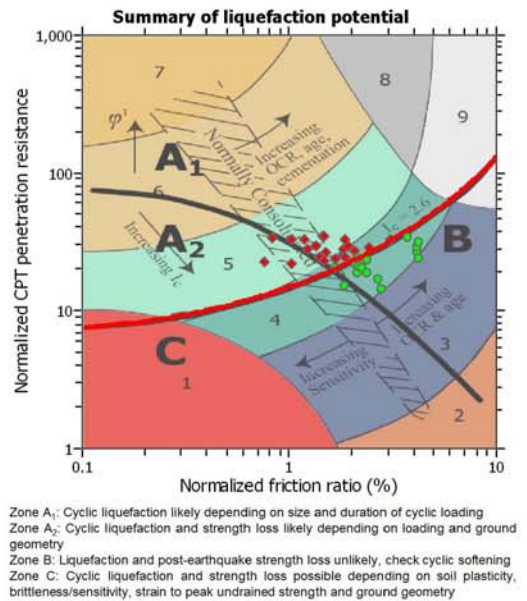
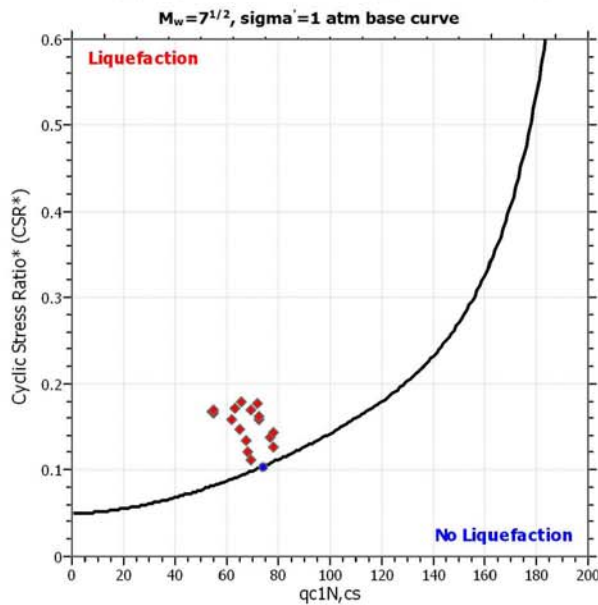
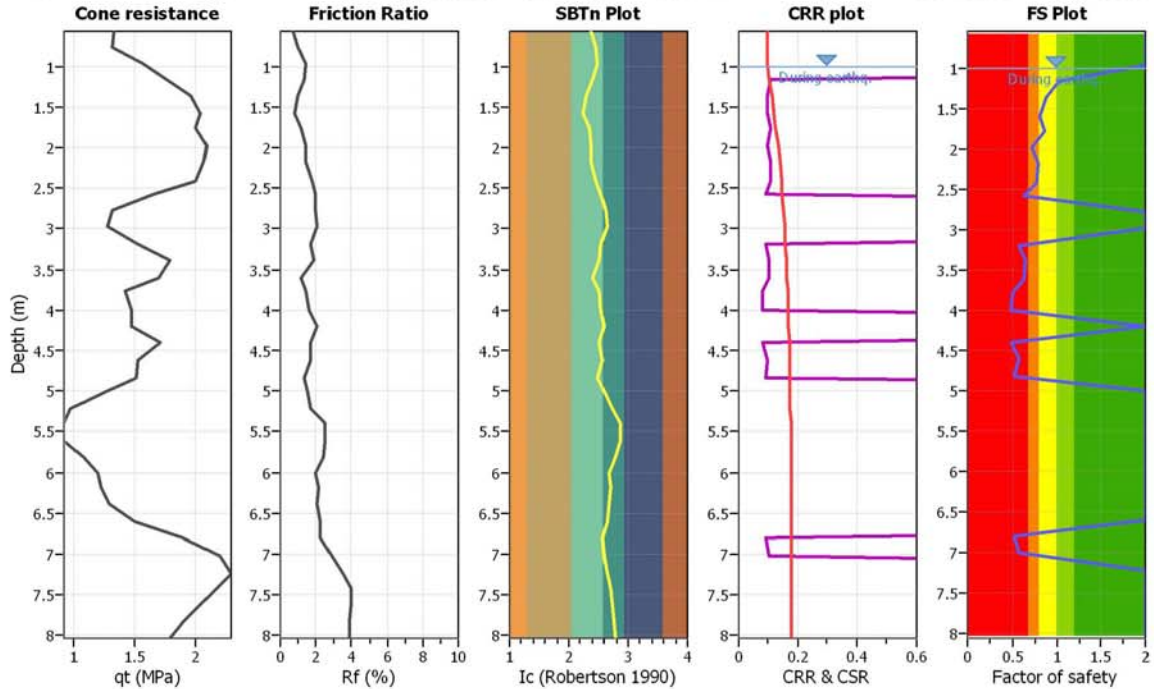
**Project title :**

**Location :**

**CPT file : 203010C007**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

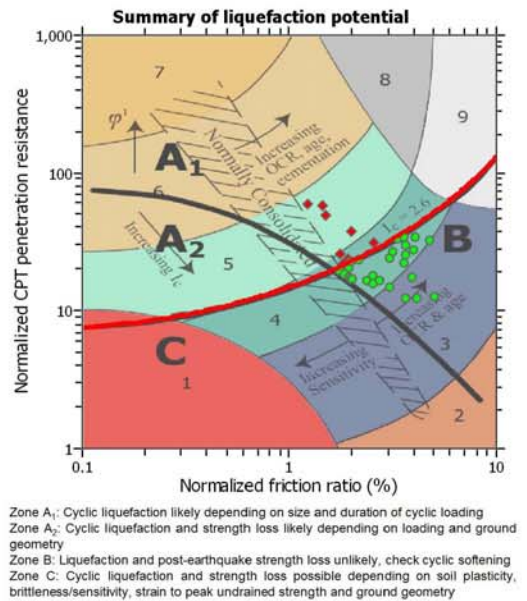
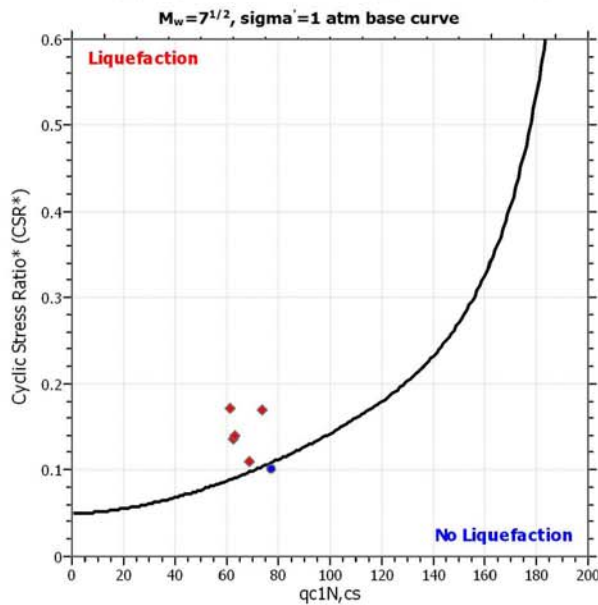
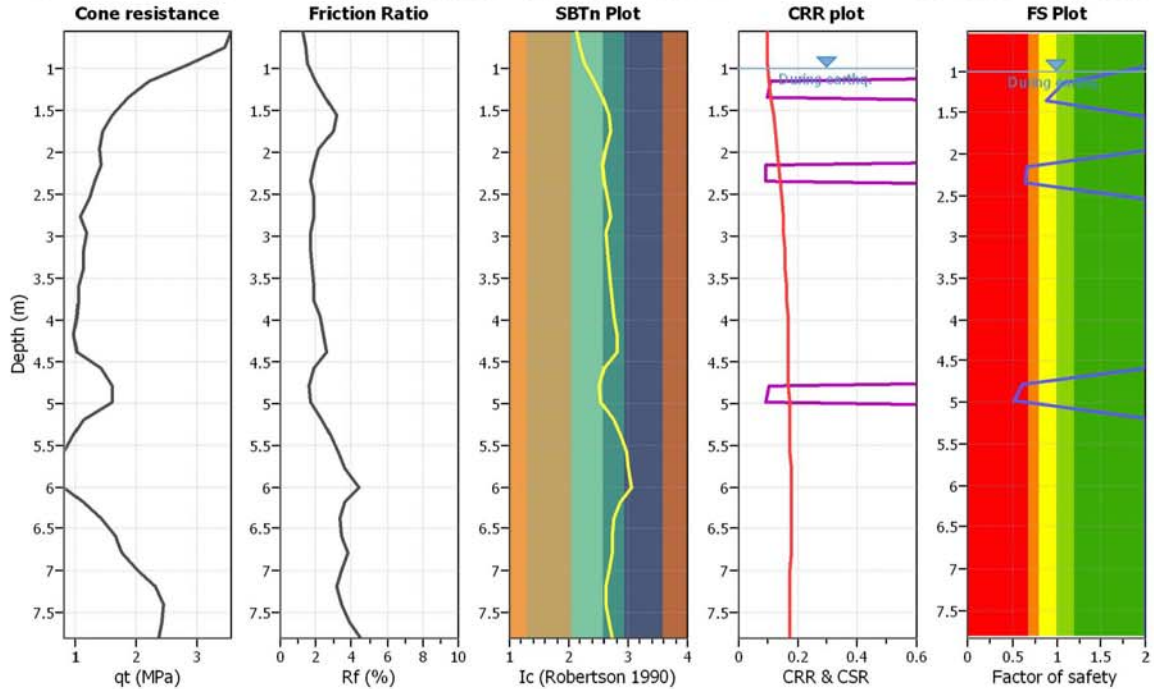
**Project title :**

**Location :**

**CPT file : 203010C008**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

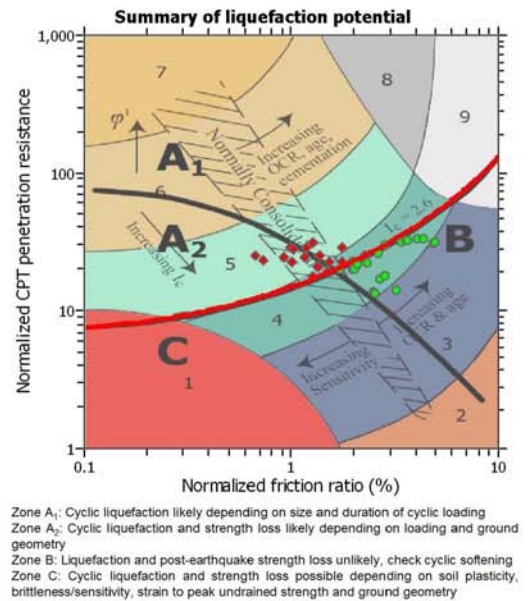
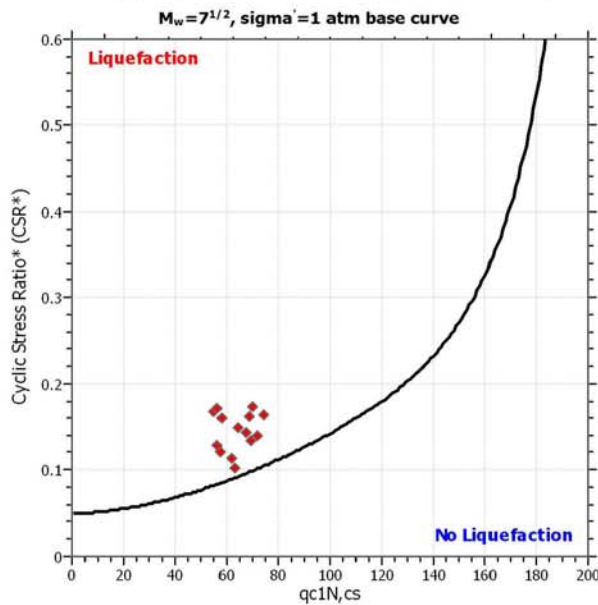
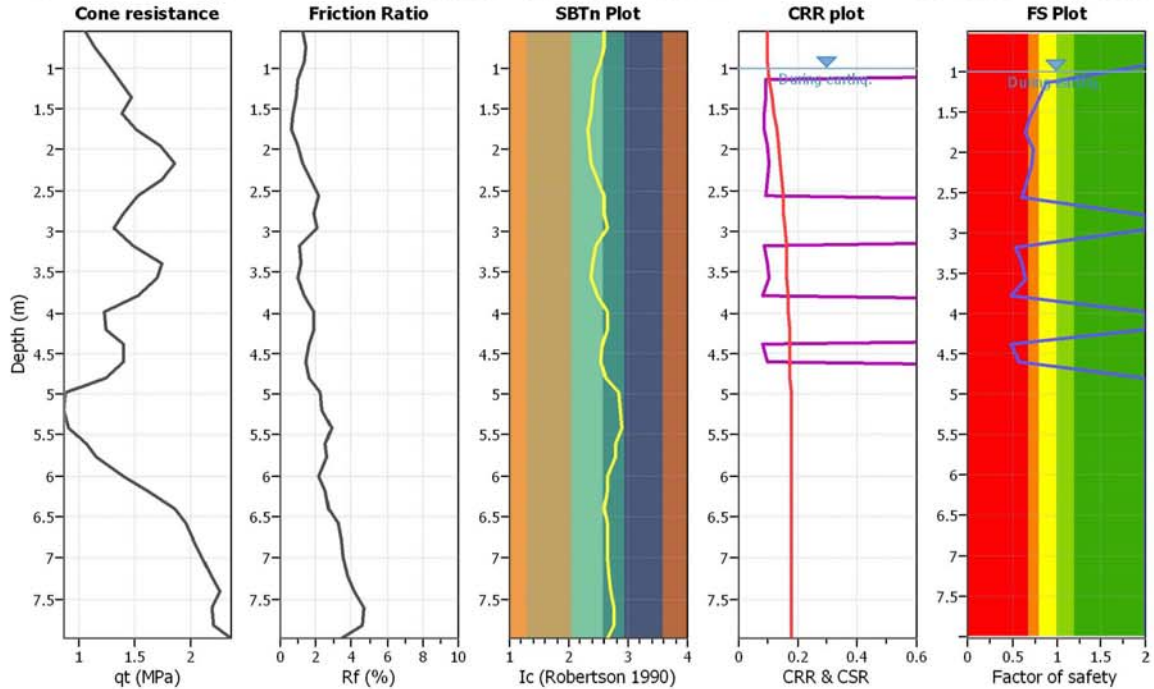
**Project title :**

**Location :**

**CPT file : 203010C009**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

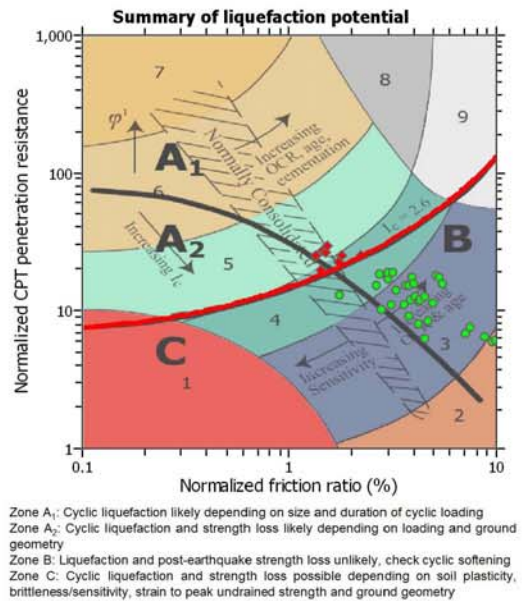
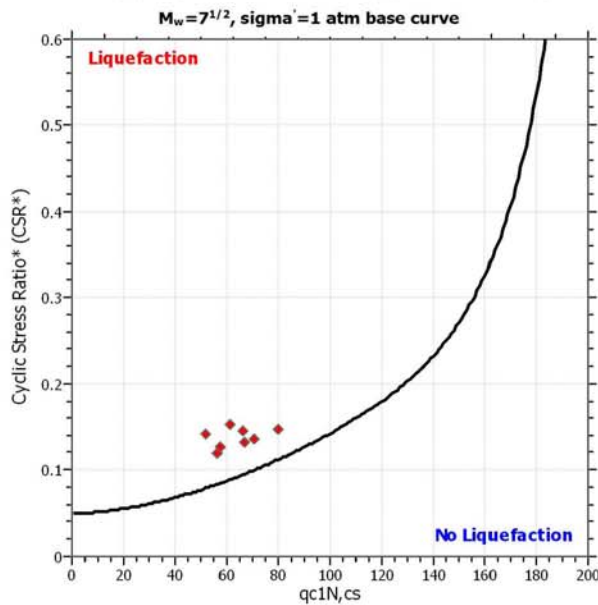
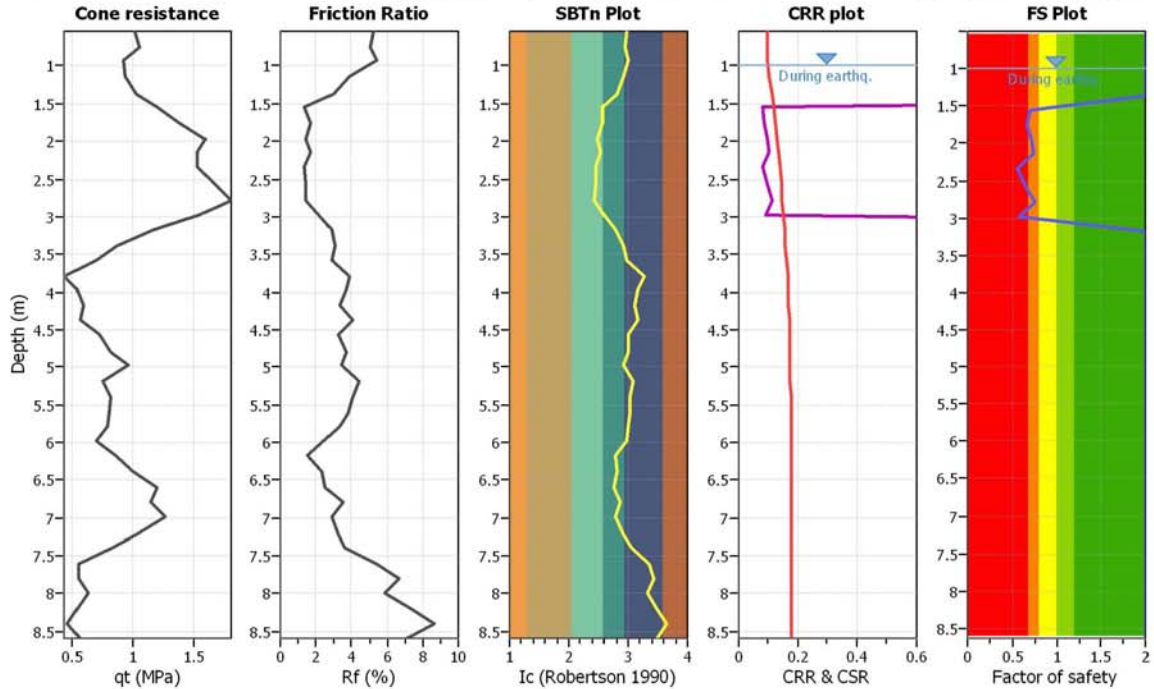
**Project title :**

**Location :**

**CPT file : 203010C010**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

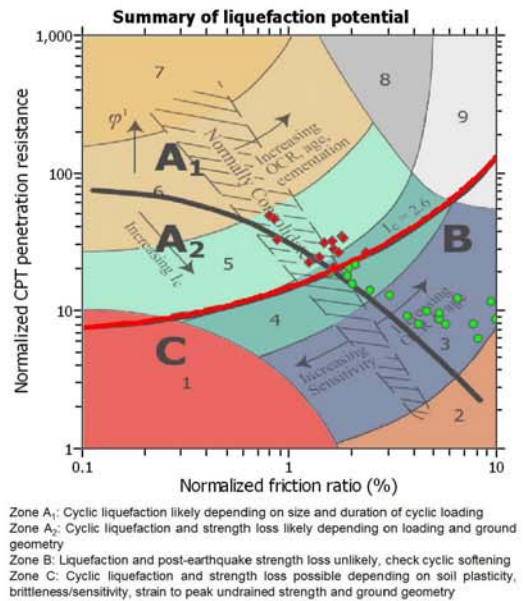
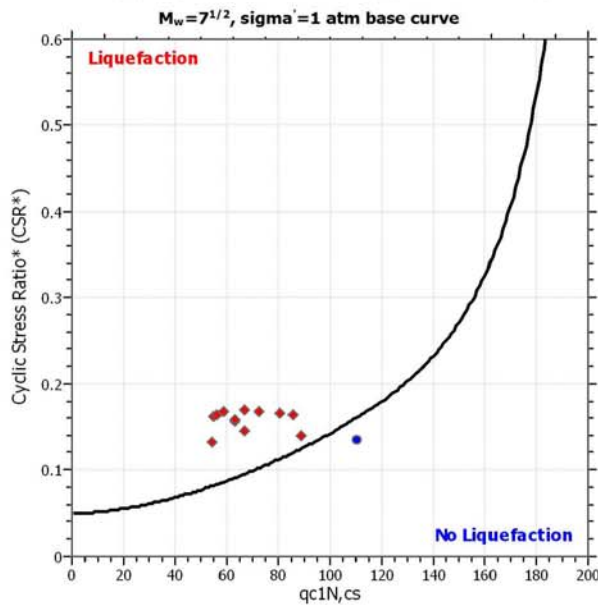
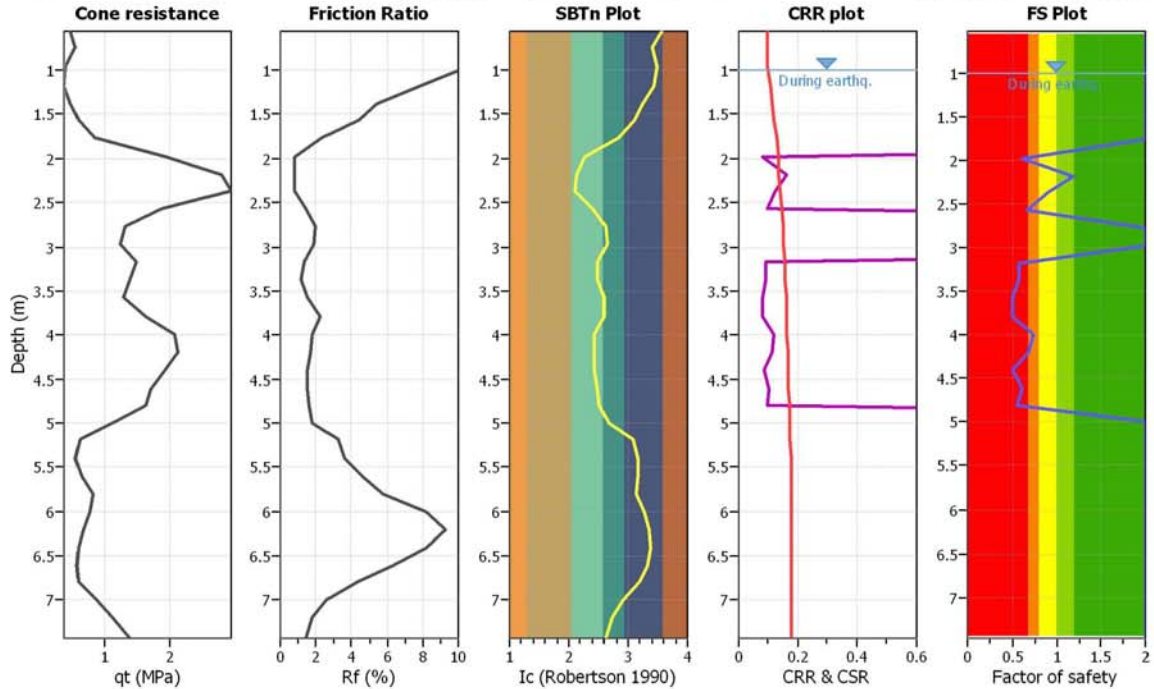
**Project title :**

**Location :**

**CPT file : 203010C011**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

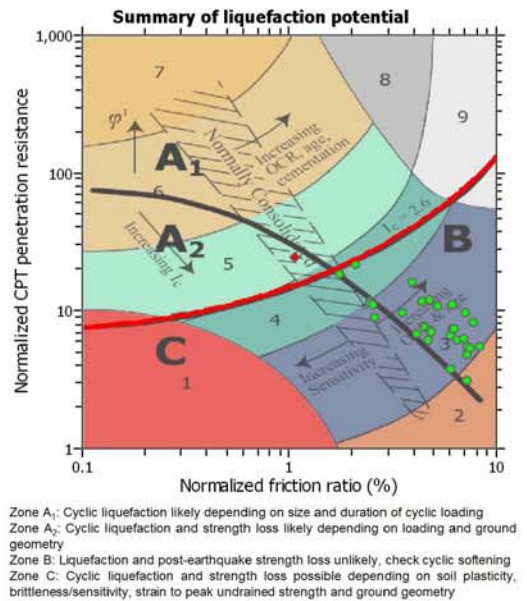
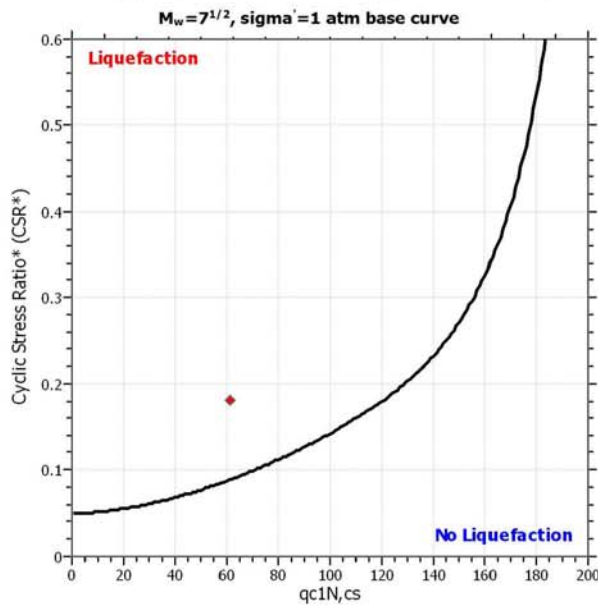
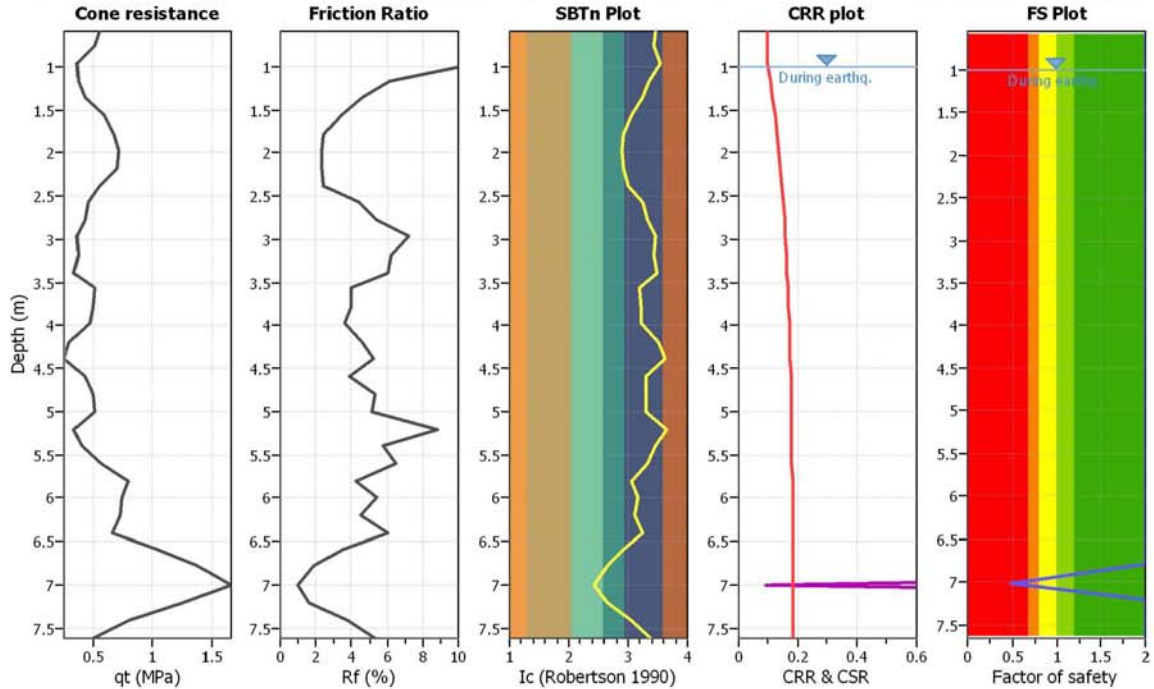
**Project title :**

**Location :**

**CPT file : 203010C012**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

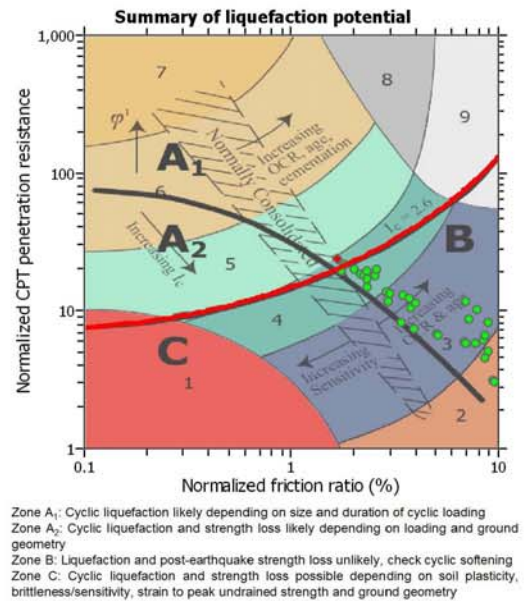
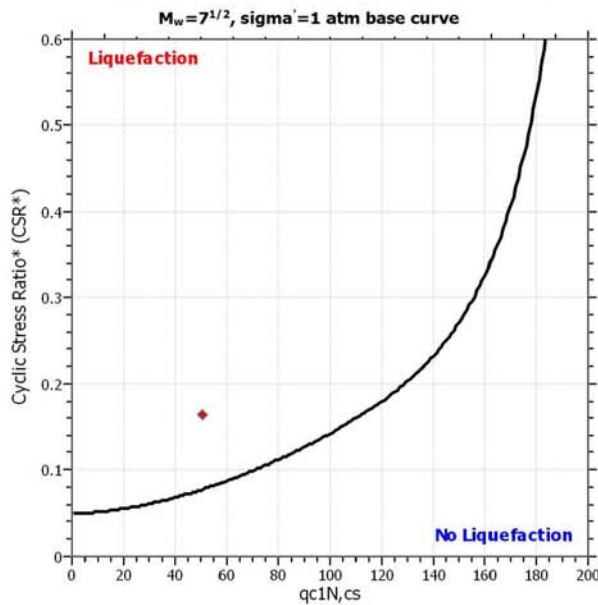
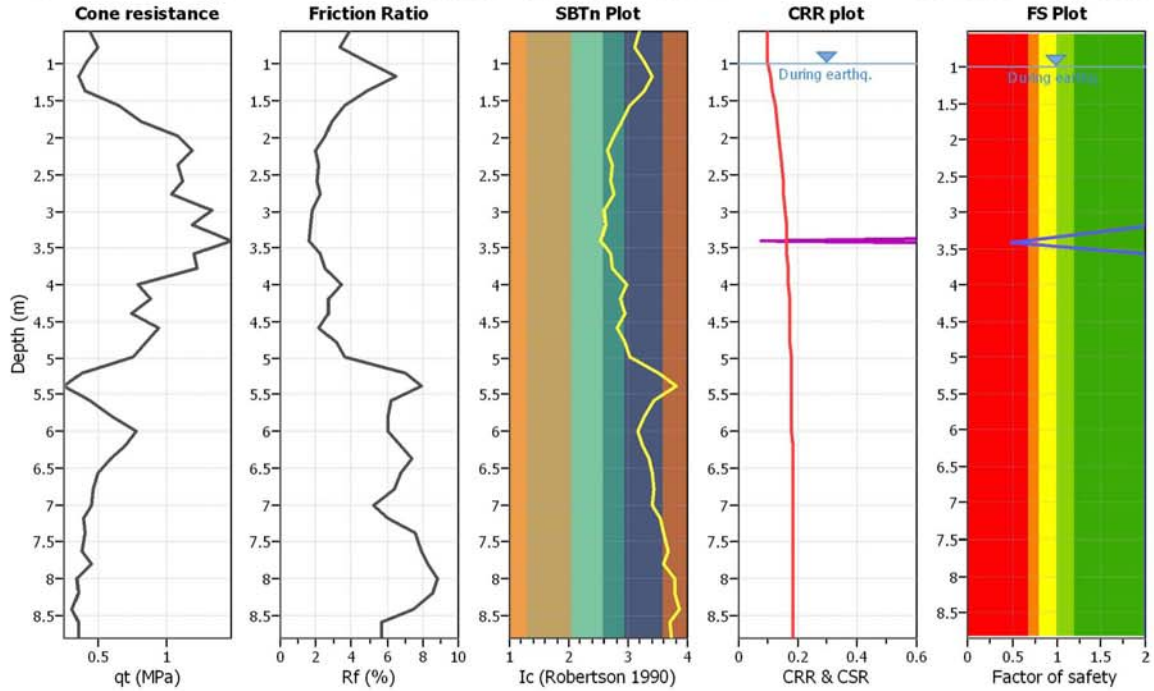
**Project title :**

**Location :**

**CPT file : 203010C013**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

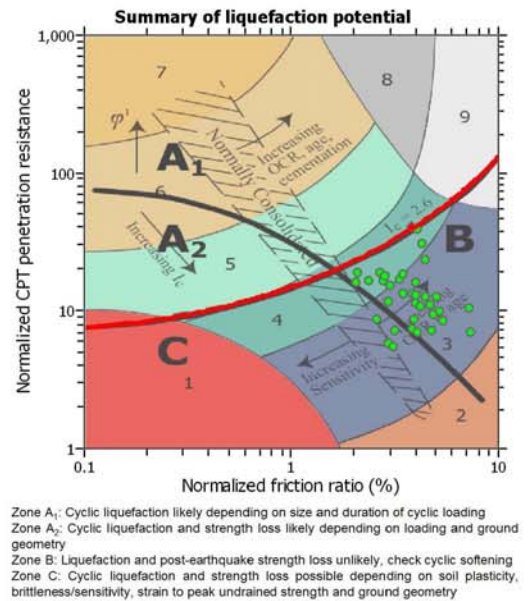
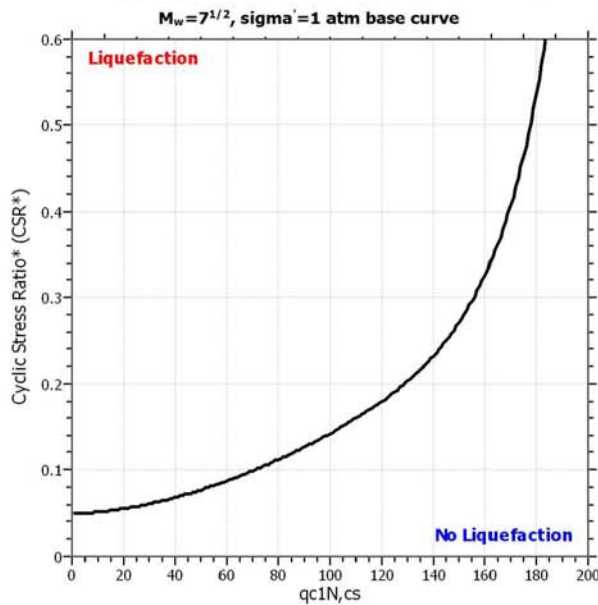
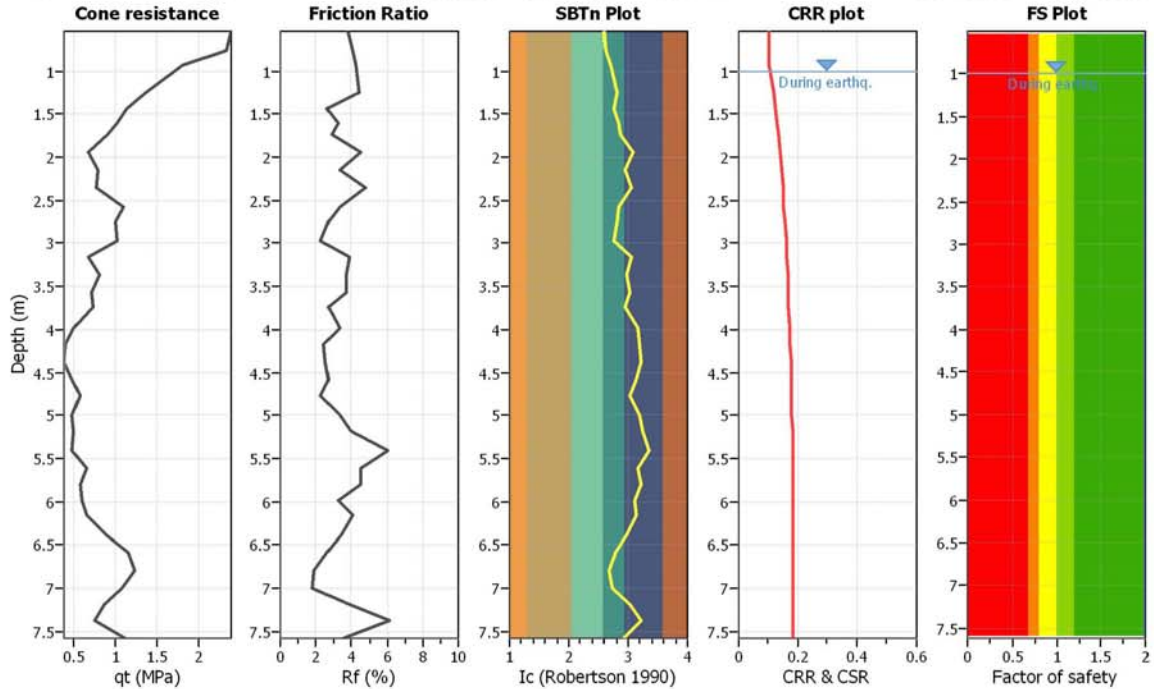
**Project title :**

**Location :**

**CPT file : 203010C014A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

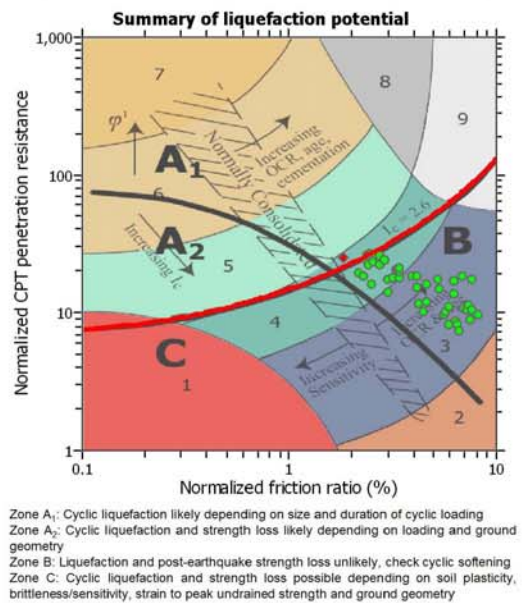
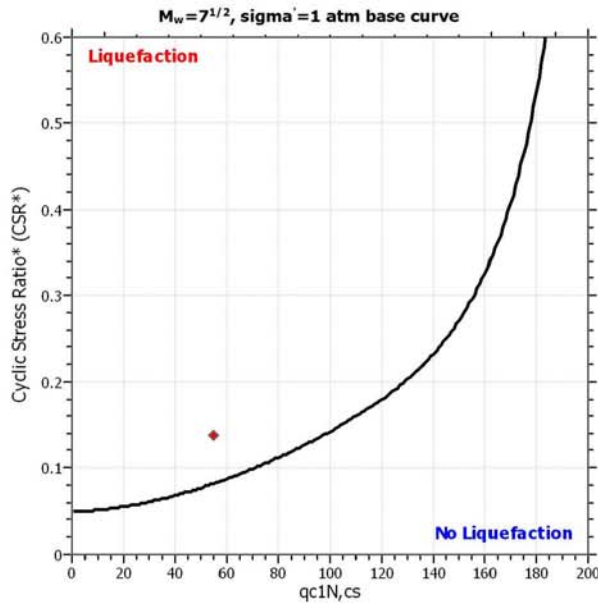
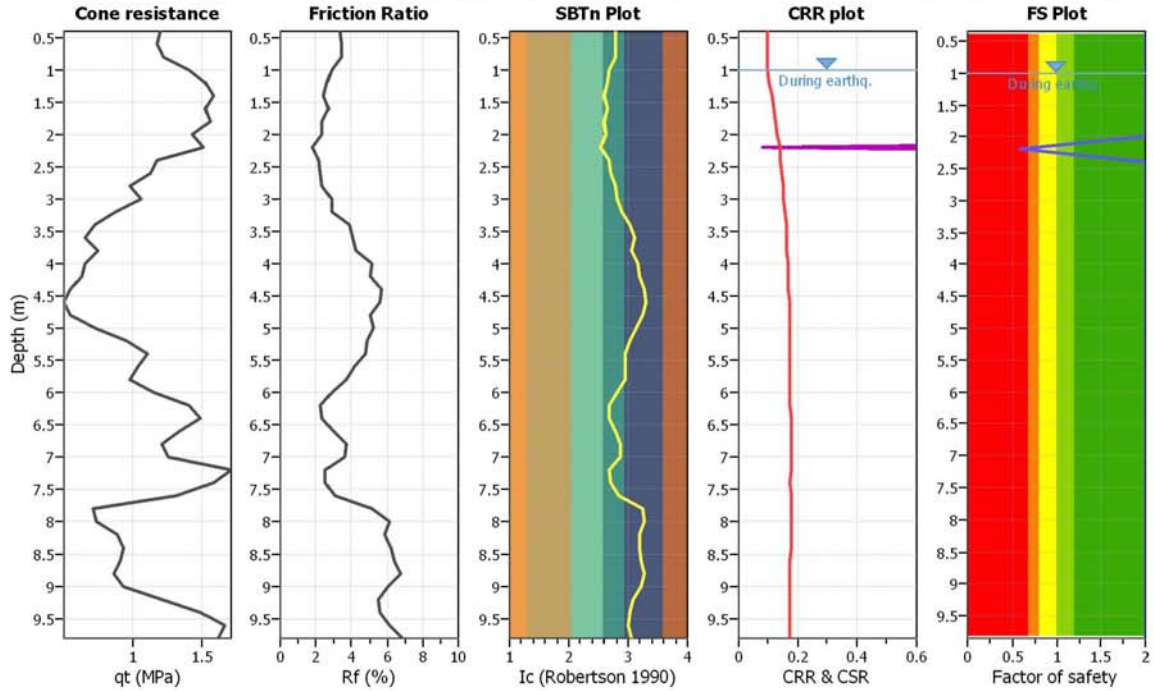
**Project title :**

**Location :**

**CPT file : 203010C014B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

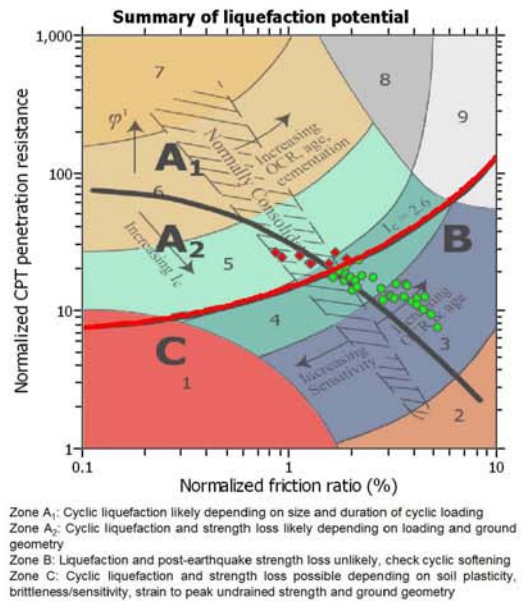
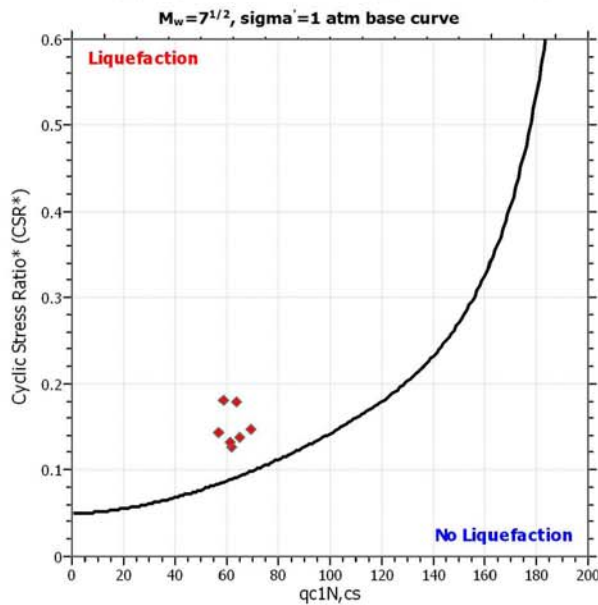
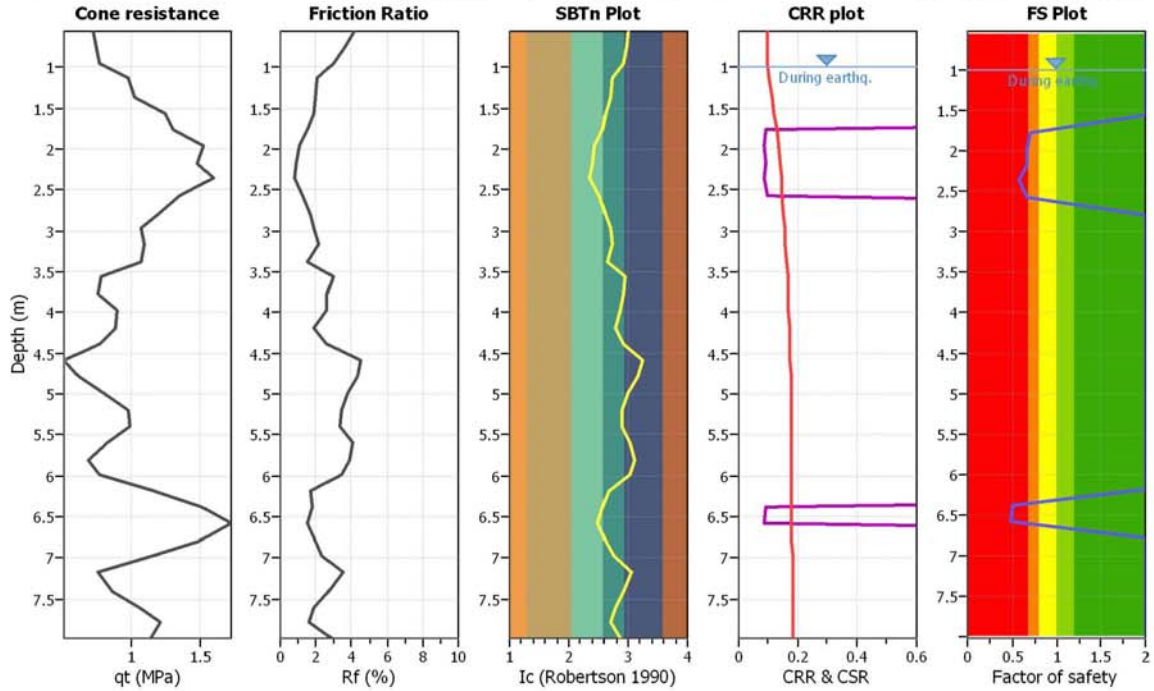
**Project title :**

**Location :**

**CPT file : 203010C015**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

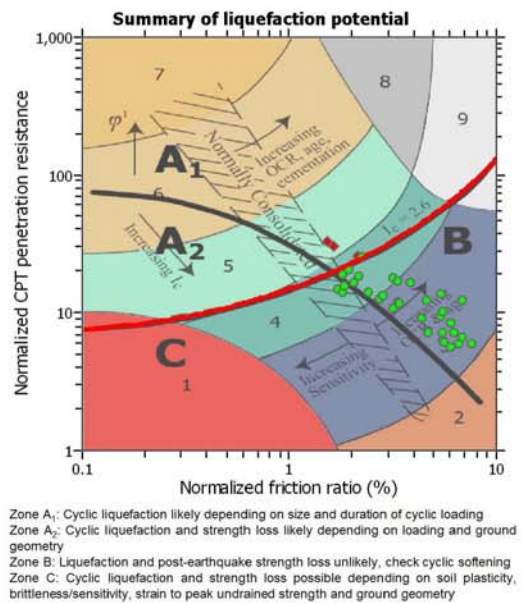
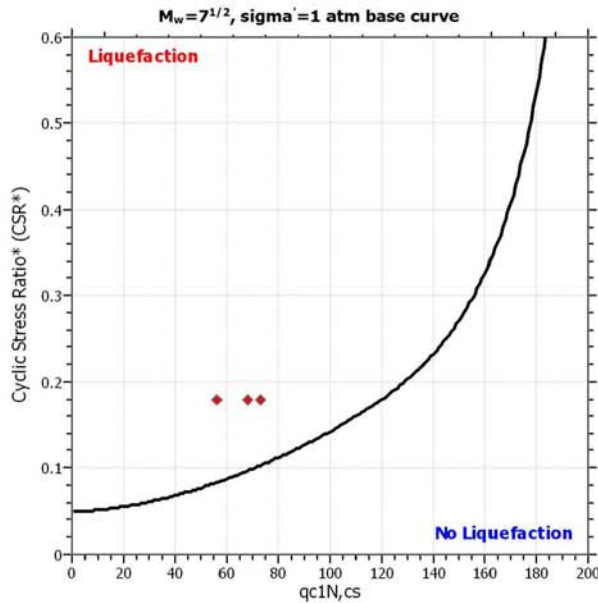
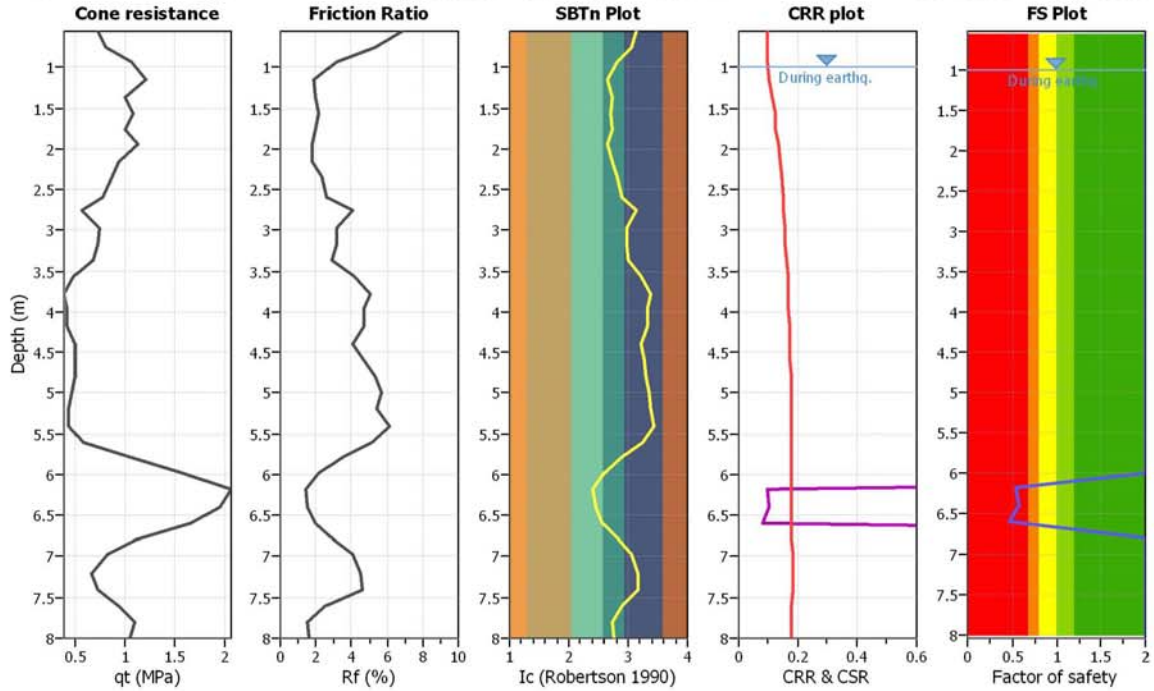
**Project title :**

**Location :**

**CPT file : 203010C016**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

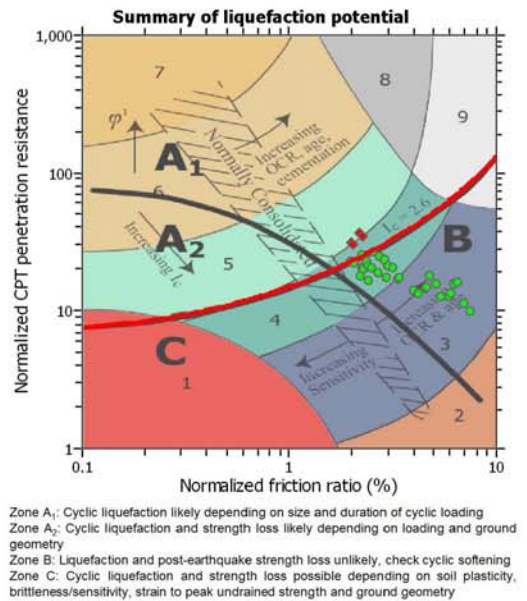
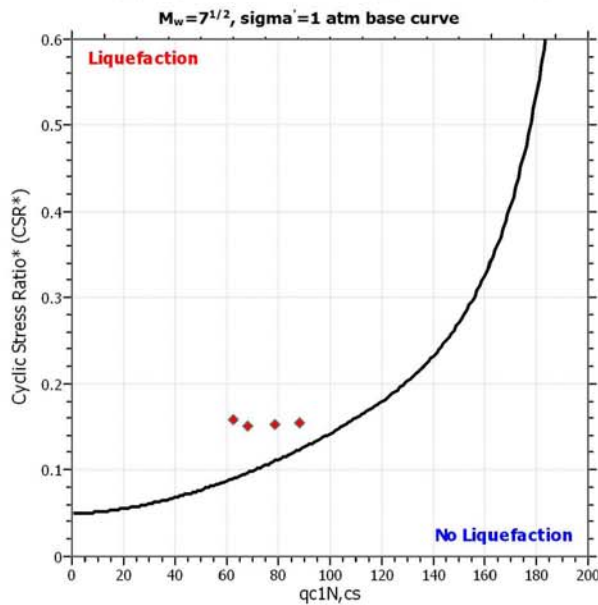
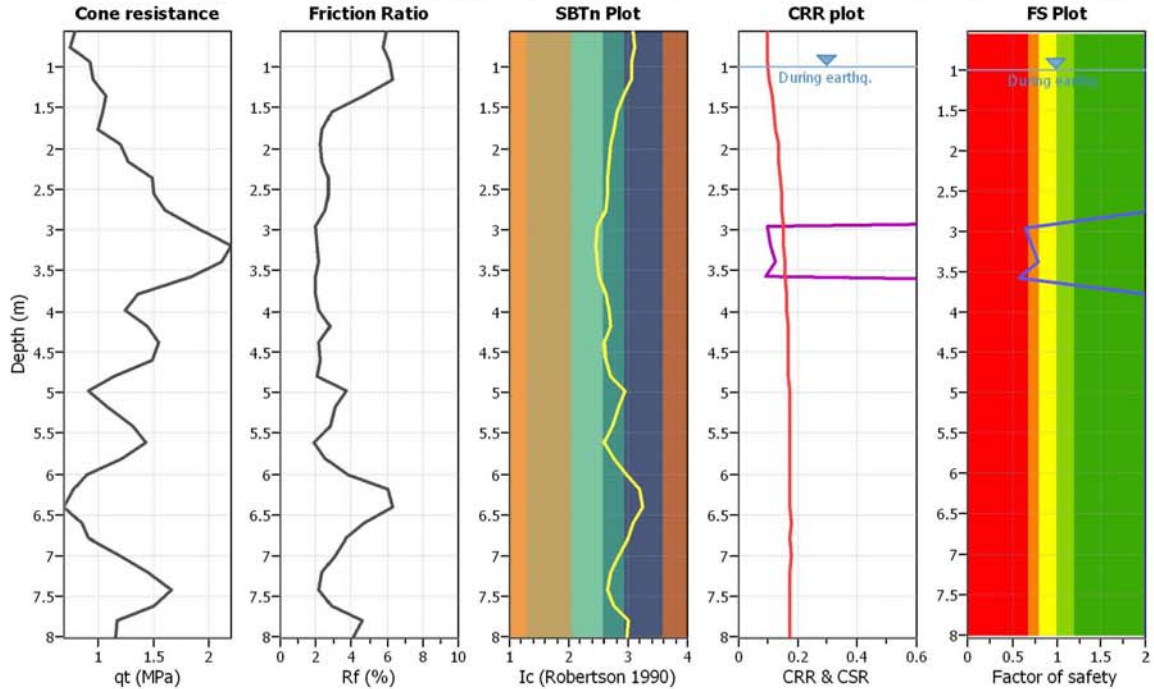
**Project title :**

**Location :**

**CPT file : 203010C017**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

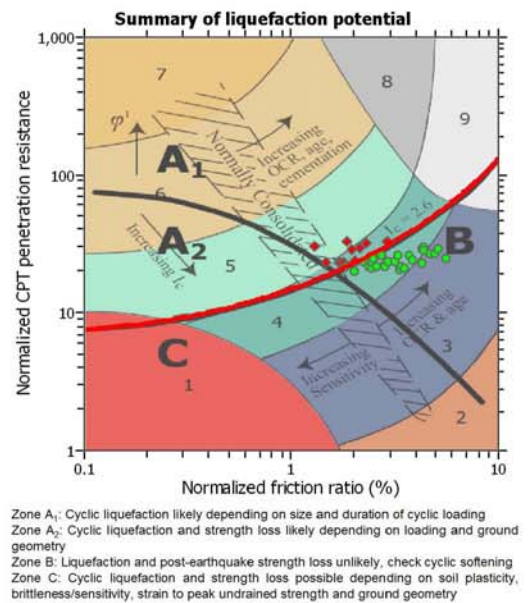
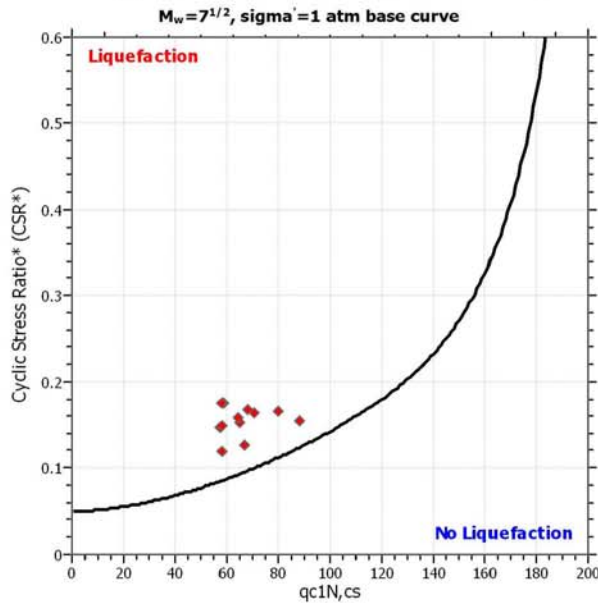
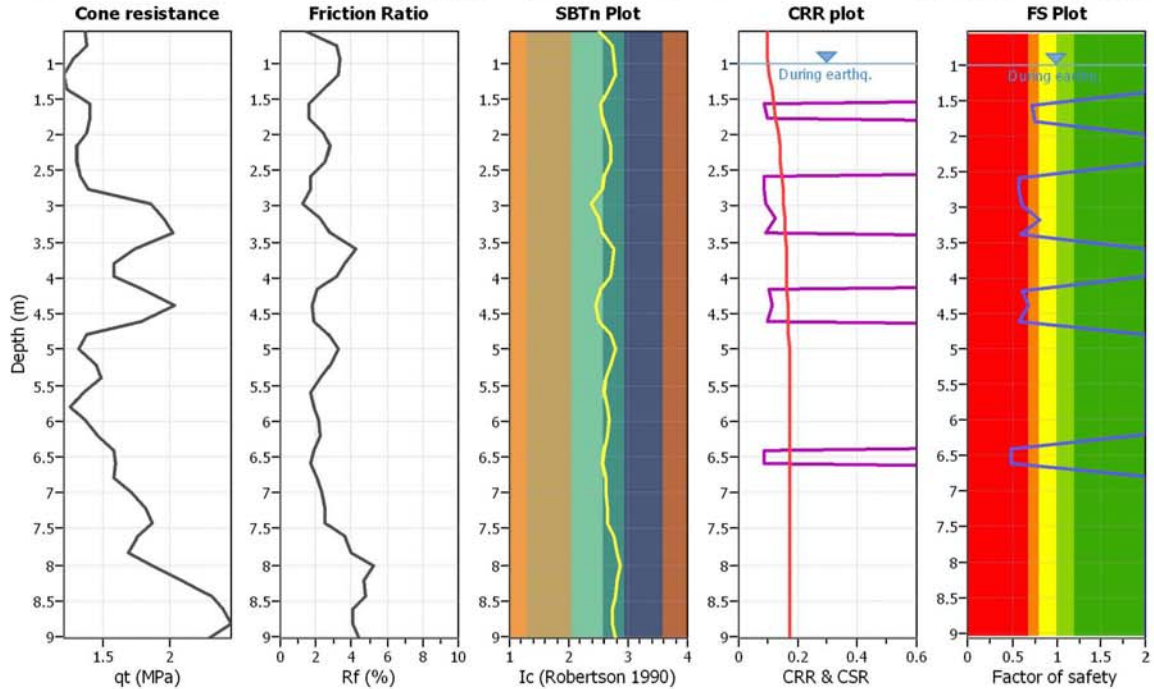
**Project title :**

**Location :**

**CPT file : 203010C018**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

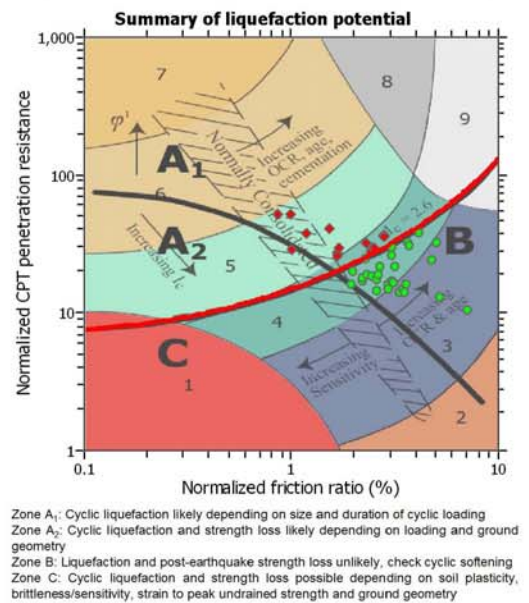
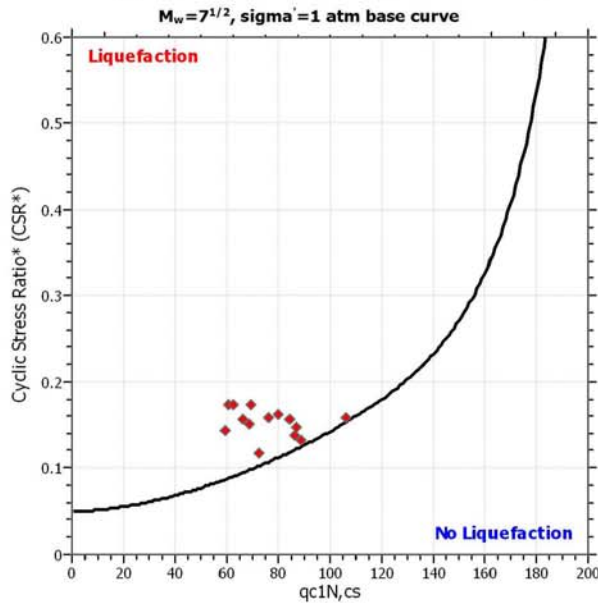
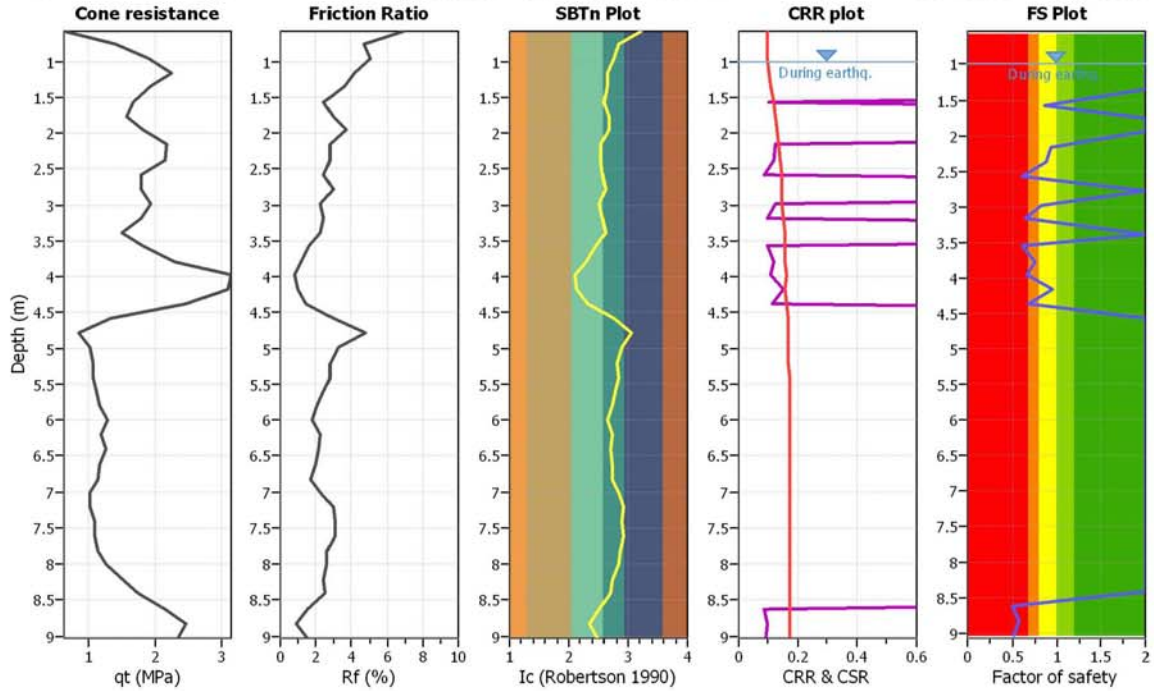
**Project title :**

**Location :**

**CPT file : 203010C019**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

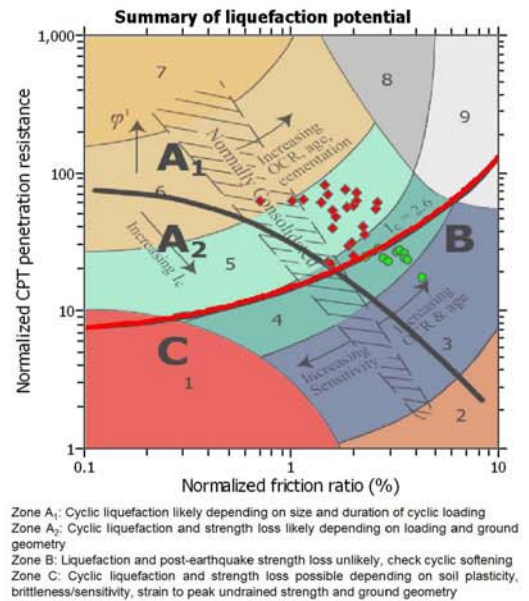
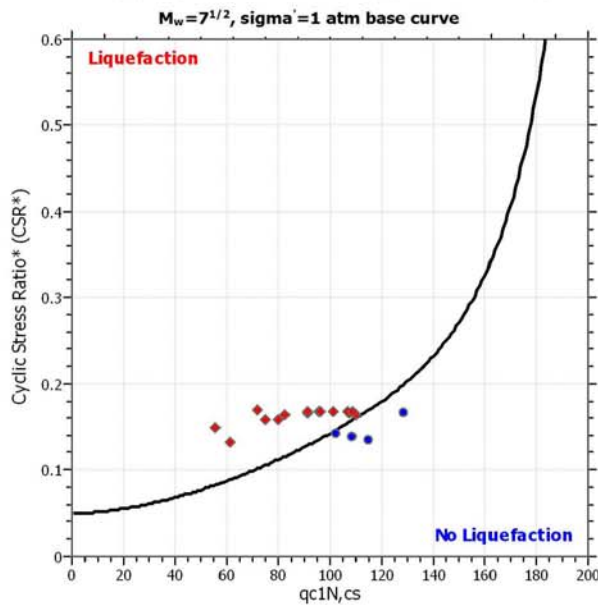
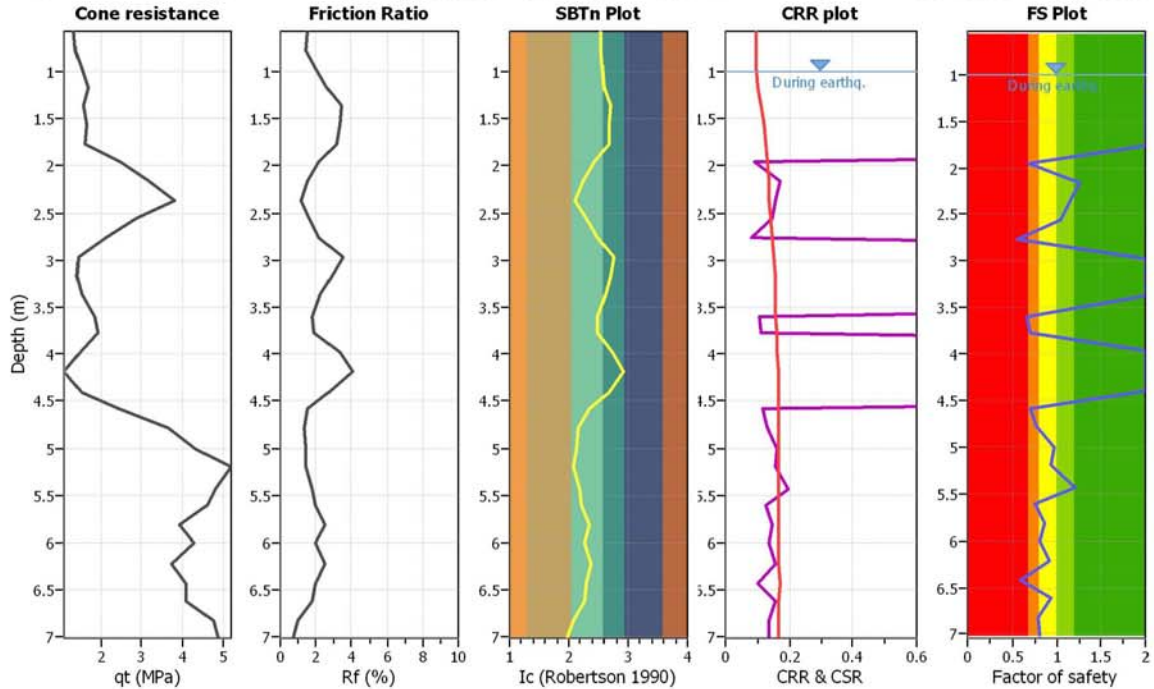
**Project title :**

**Location :**

**CPT file : 203010C020**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

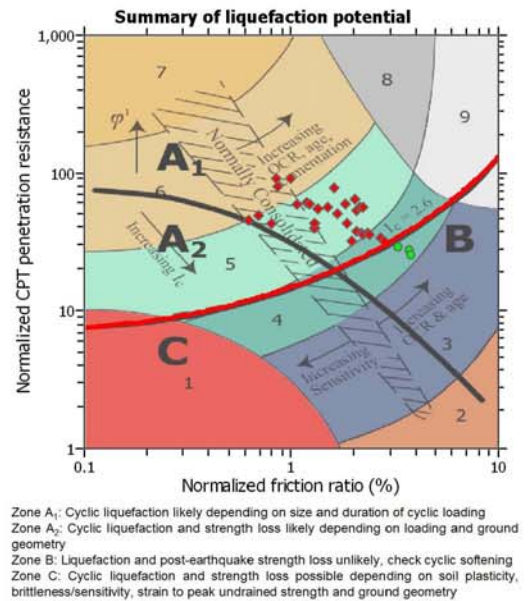
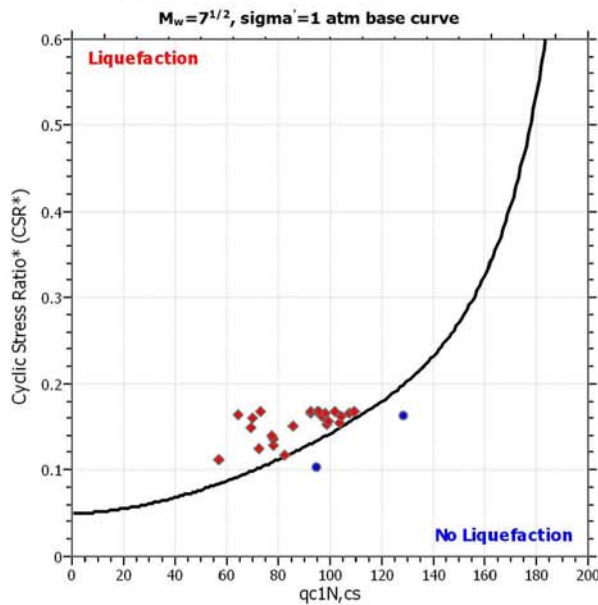
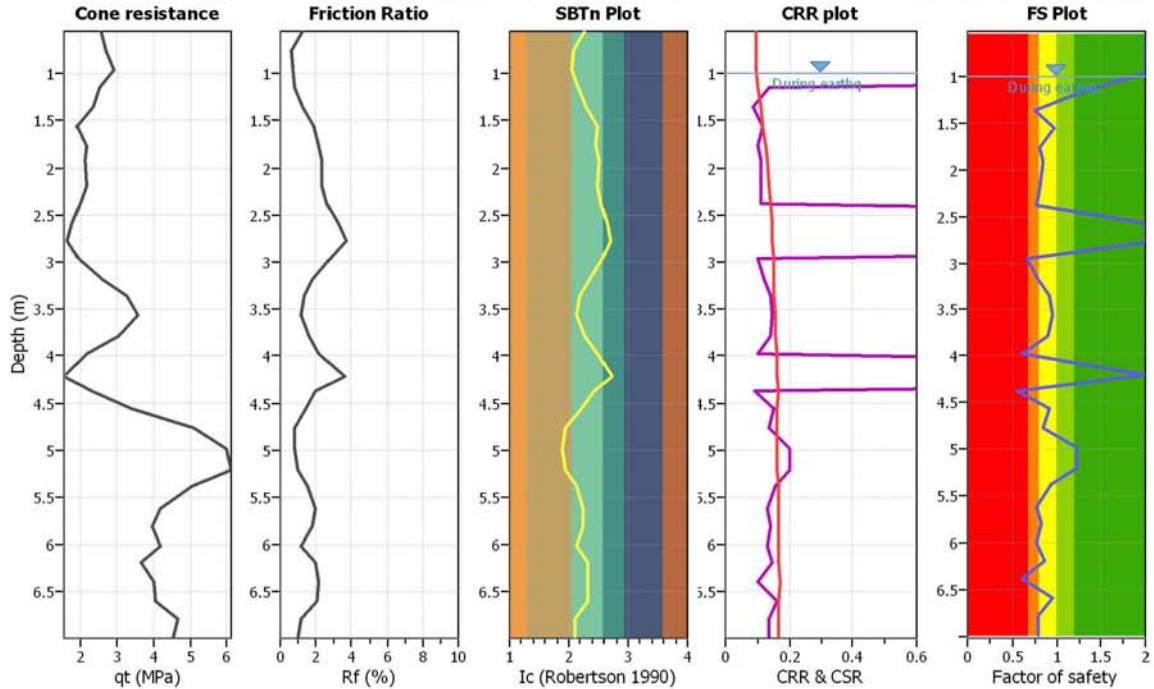
**Project title :**

**Location :**

**CPT file : 203010C021**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

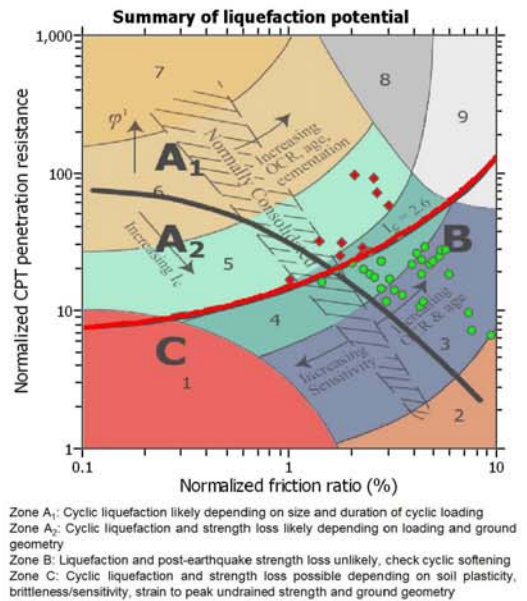
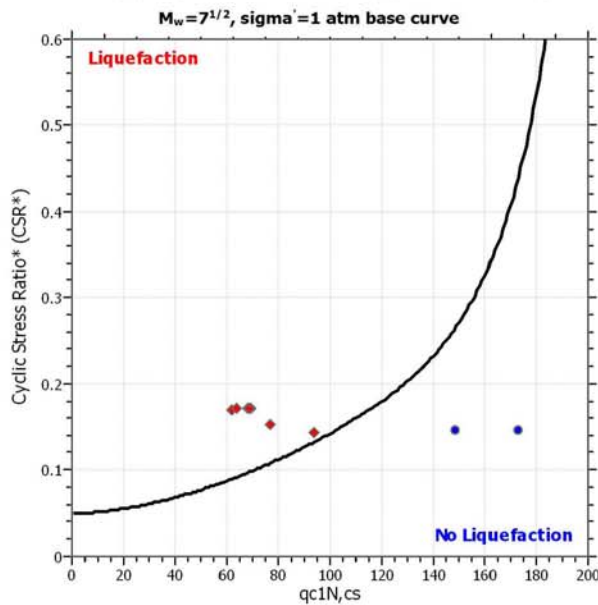
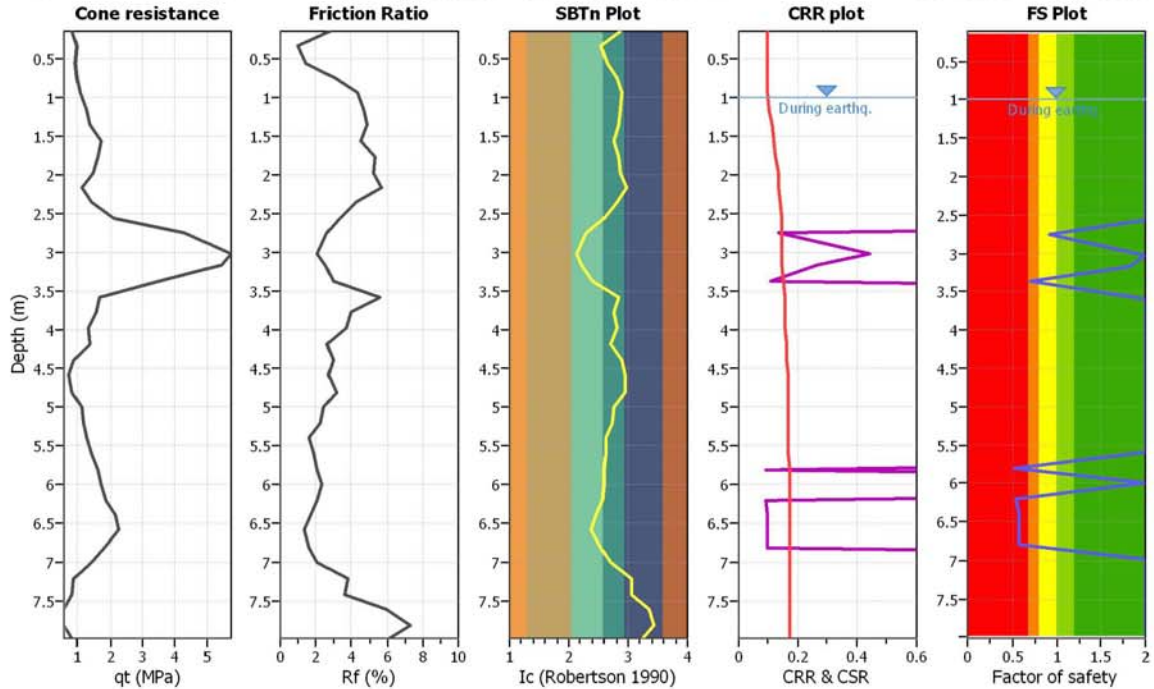
**Project title :**

**Location :**

**CPT file : 203010C022**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

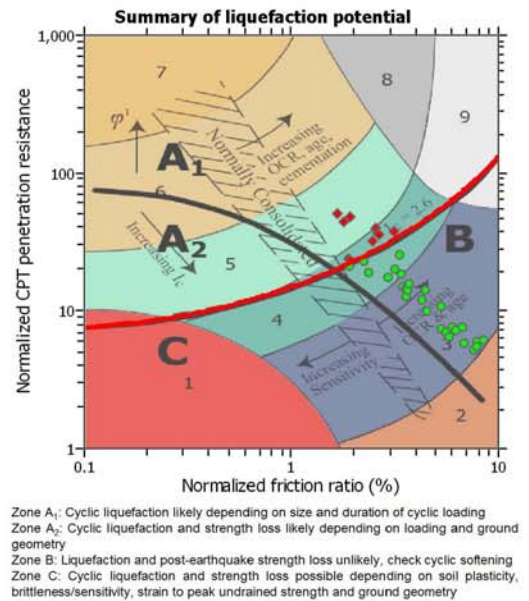
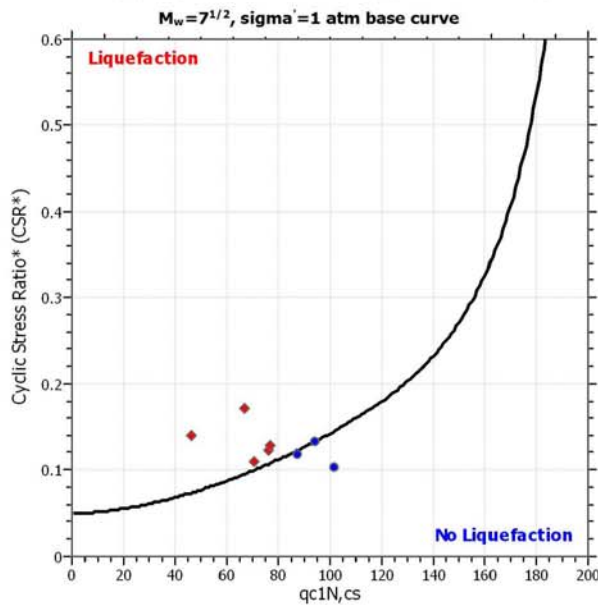
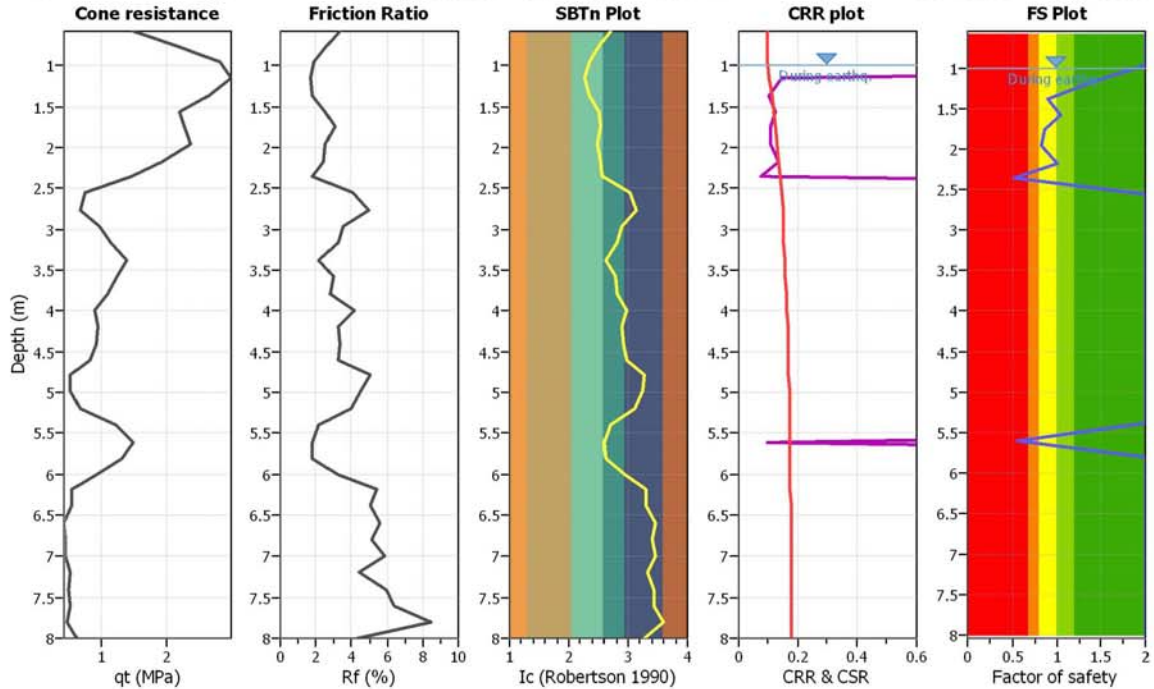
**Project title :**

**Location :**

**CPT file : 203010C023**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

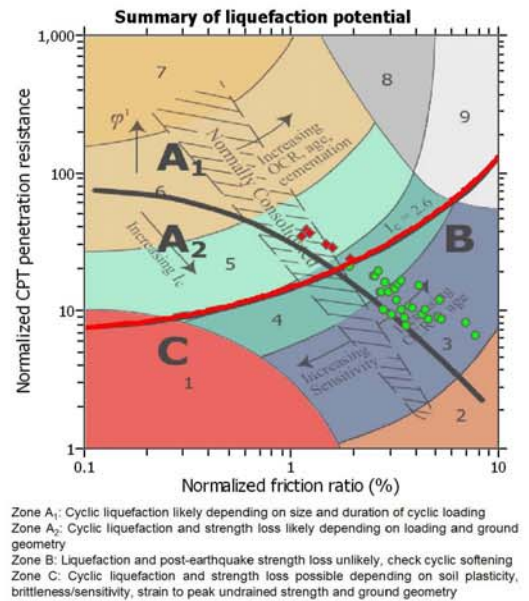
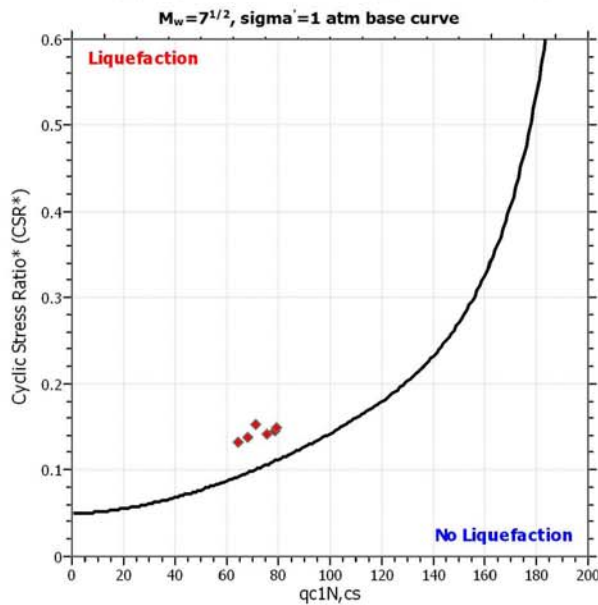
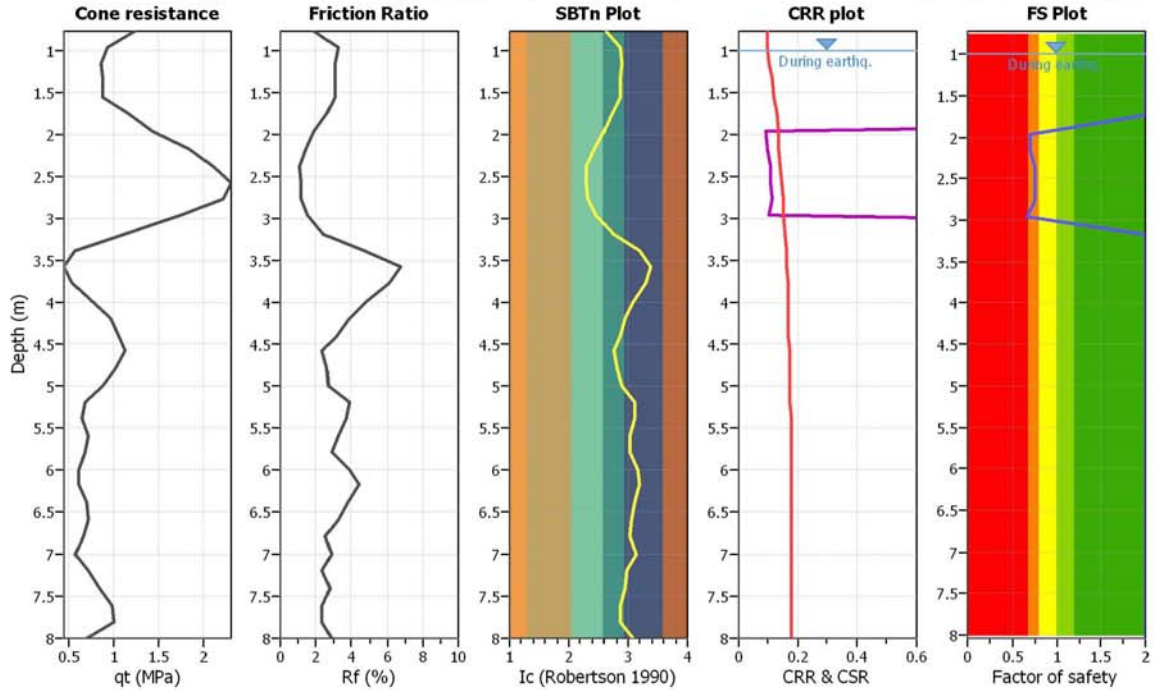
**Project title :**

**Location :**

**CPT file : 203010C024**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

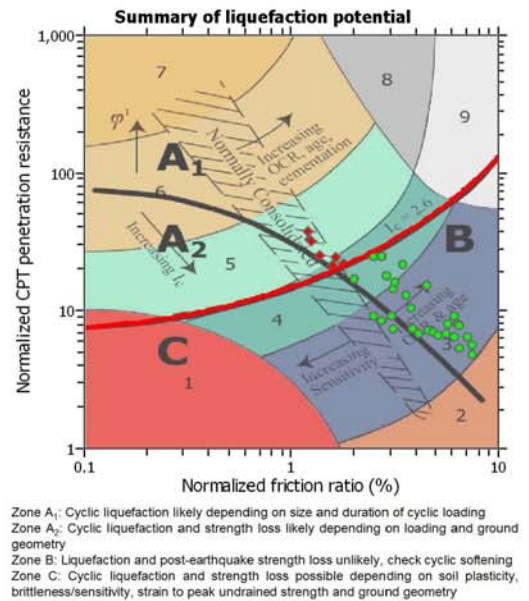
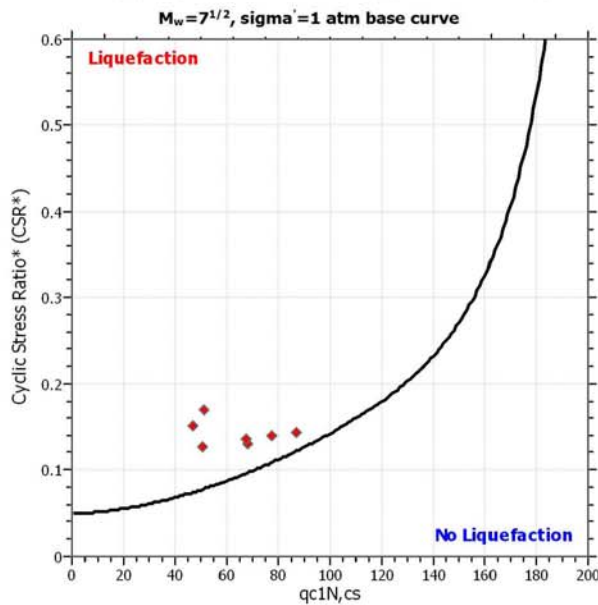
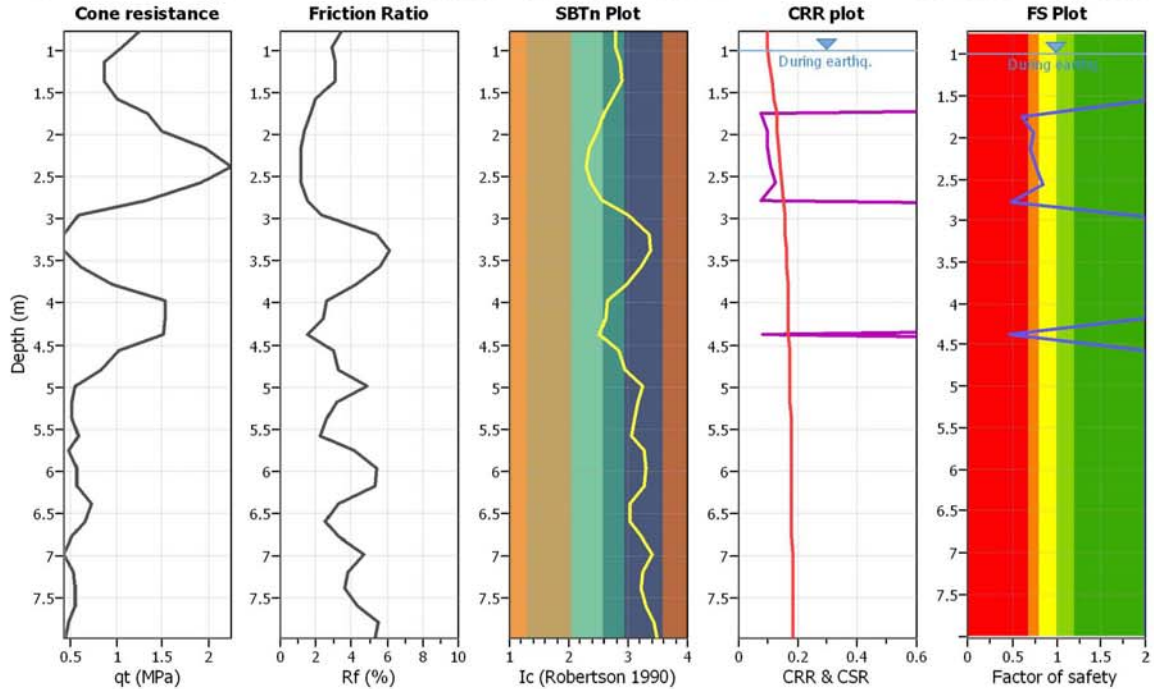
**Project title :**

**Location :**

**CPT file : 203010C025**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

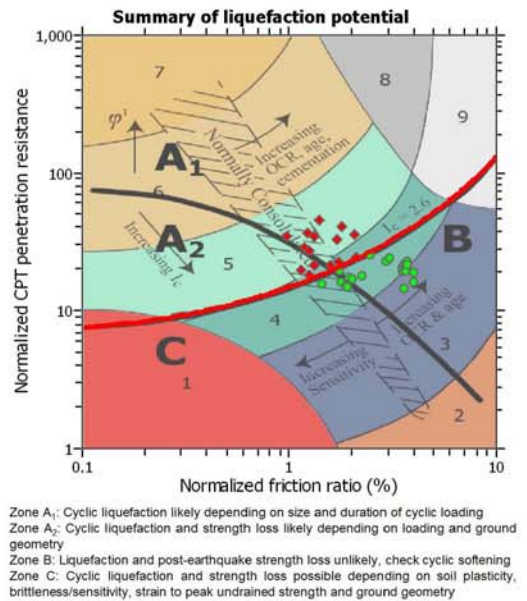
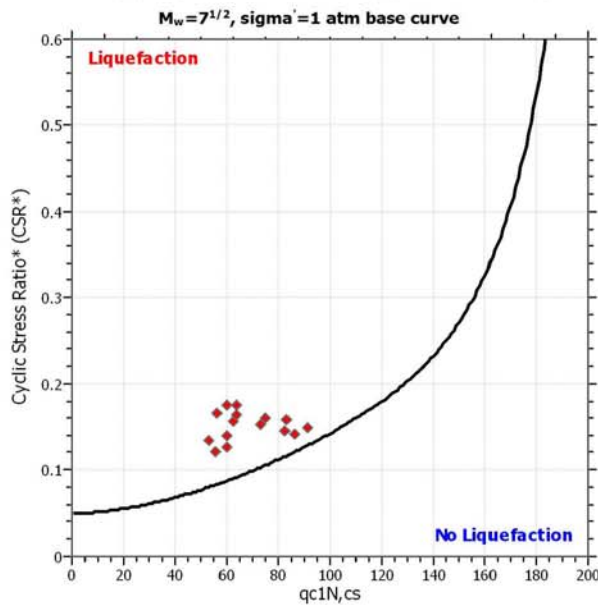
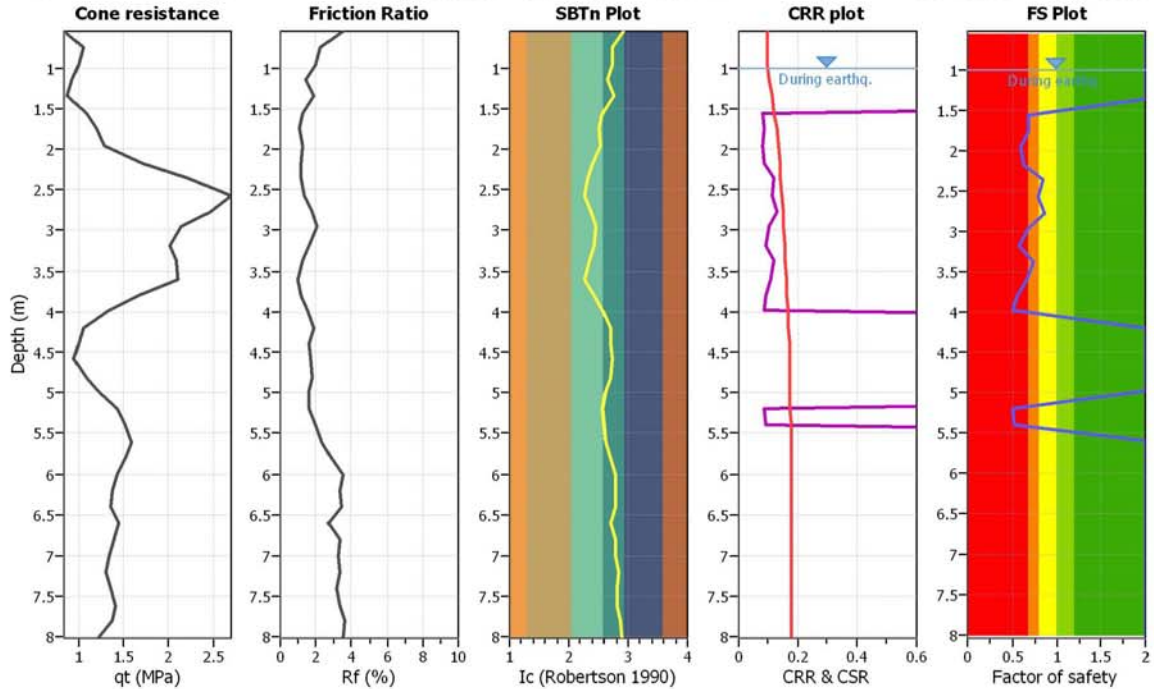
**Project title :**

**Location :**

**CPT file : 203010C026**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

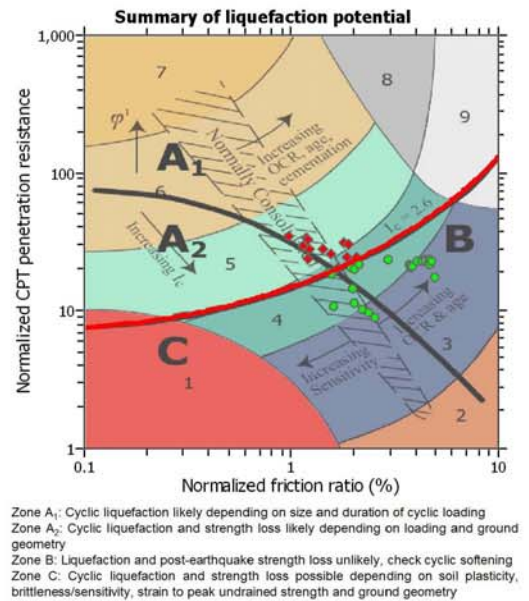
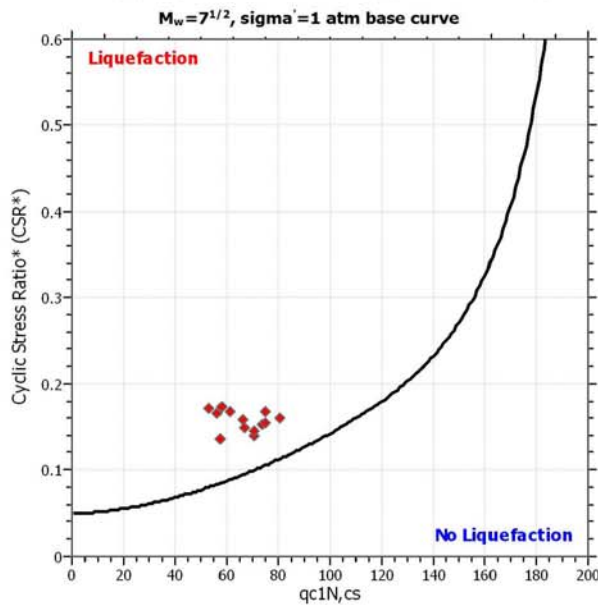
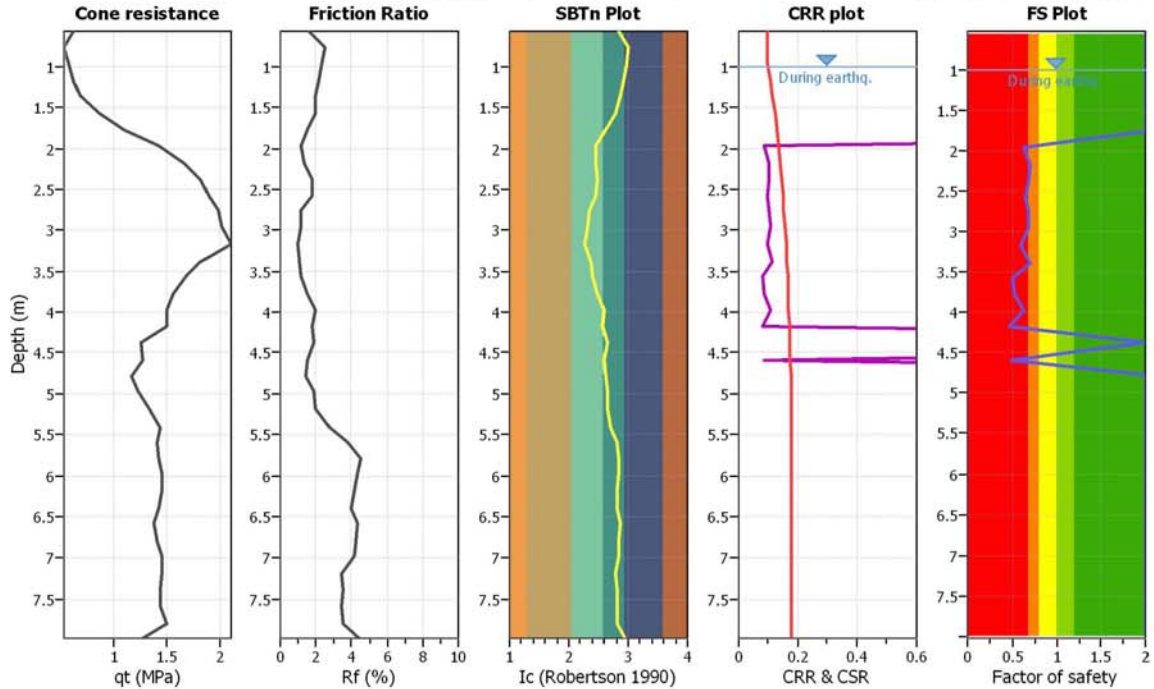
**Project title :**

**Location :**

**CPT file : 203010C027**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

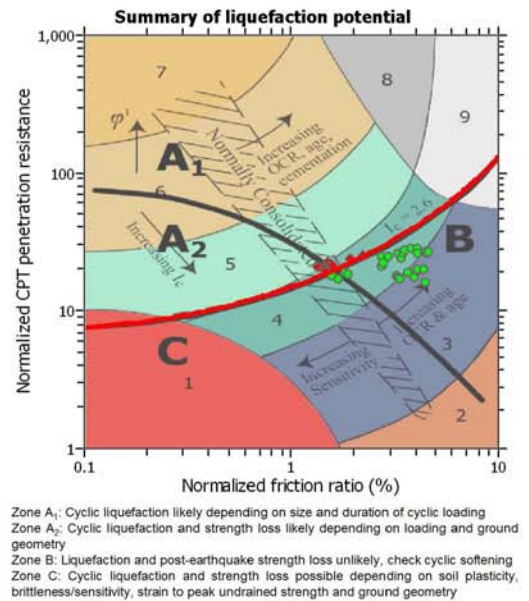
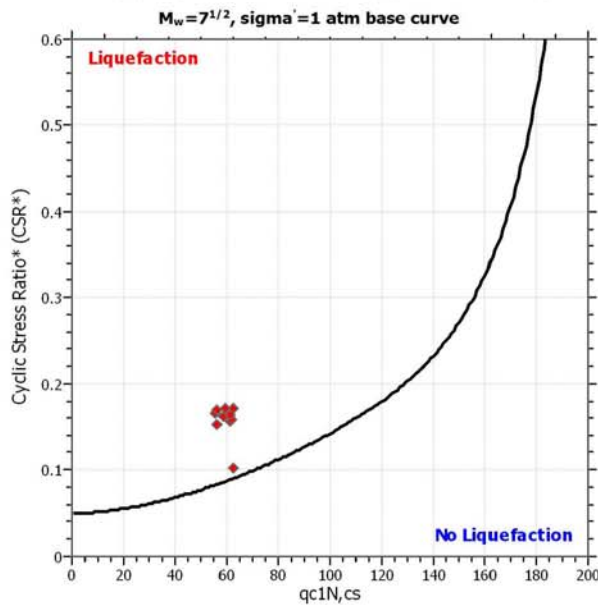
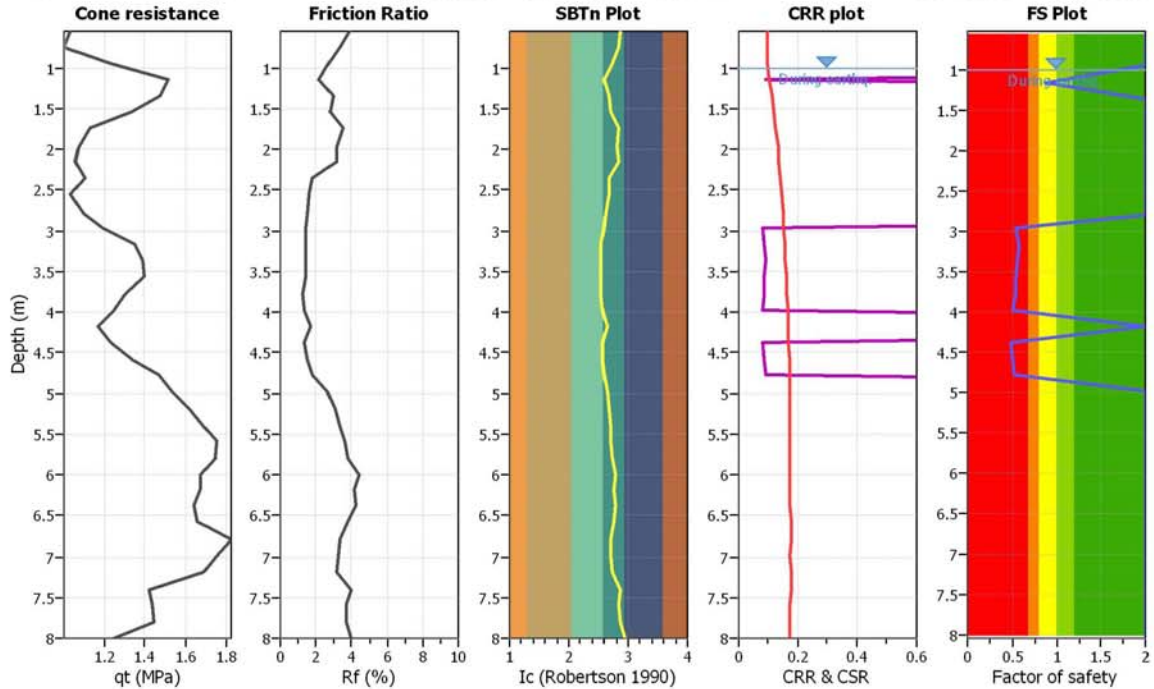
**Project title :**

**Location :**

**CPT file : 203010C028**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

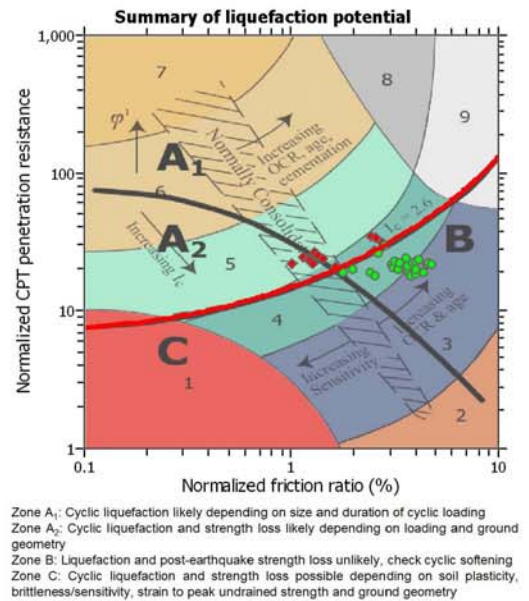
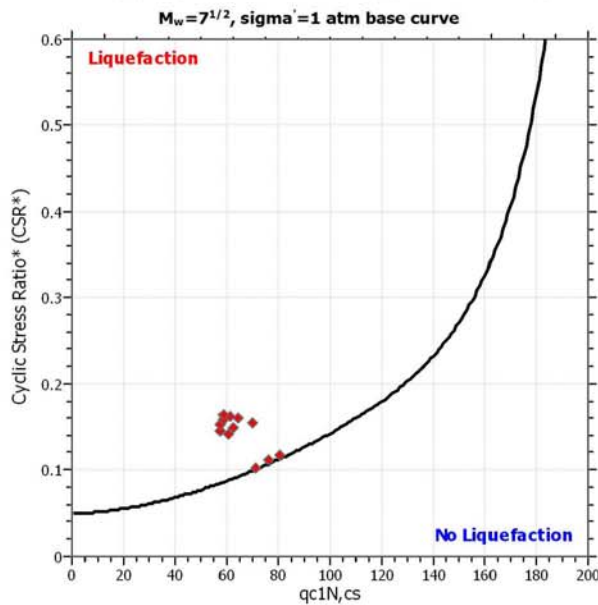
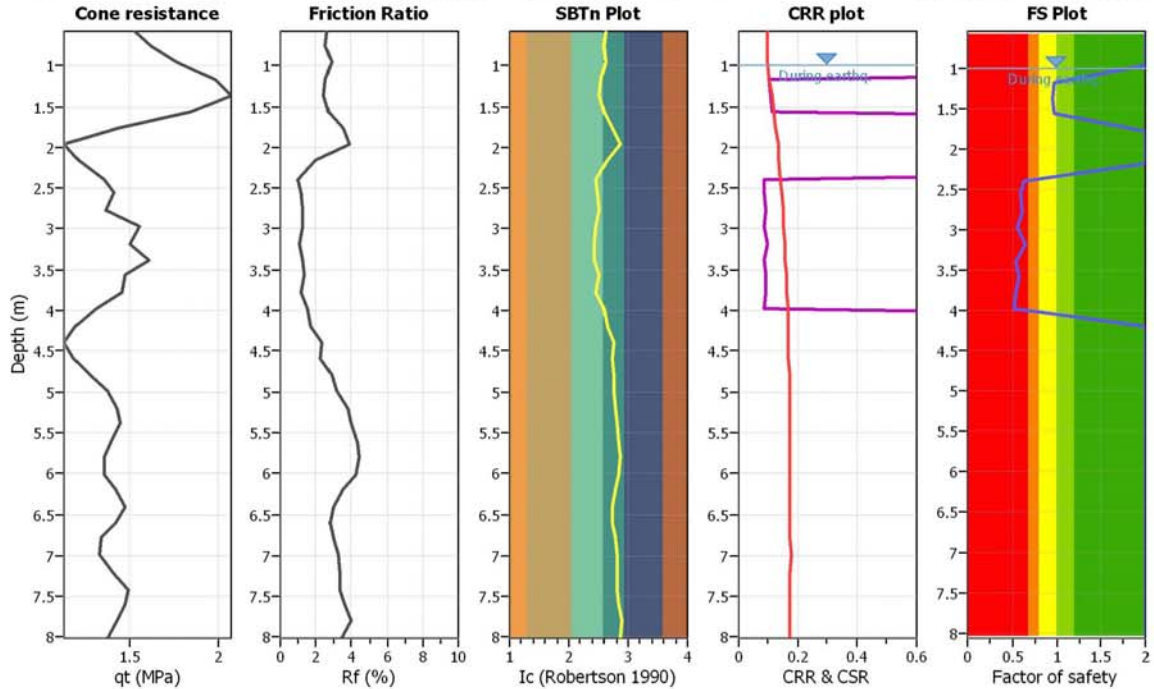
**Project title :**

**Location :**

**CPT file : 203010C029**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

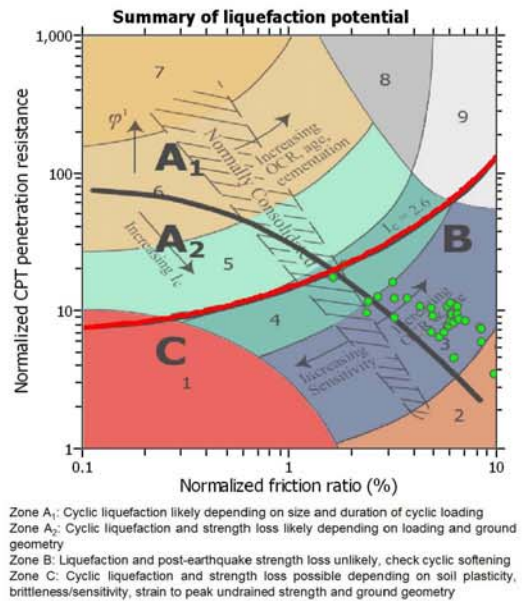
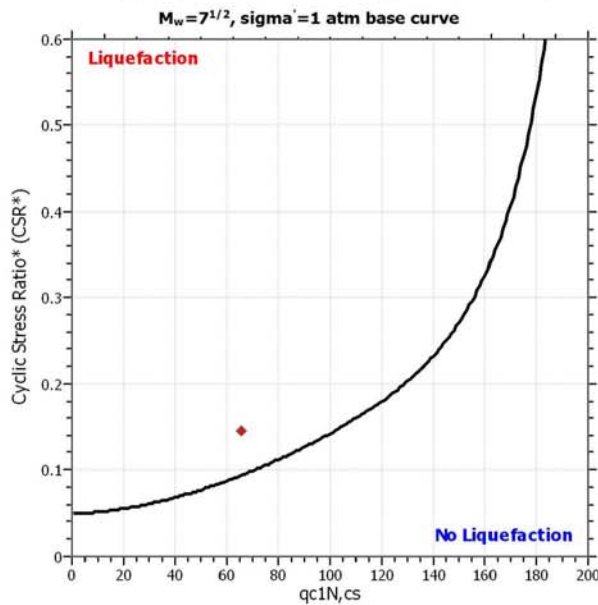
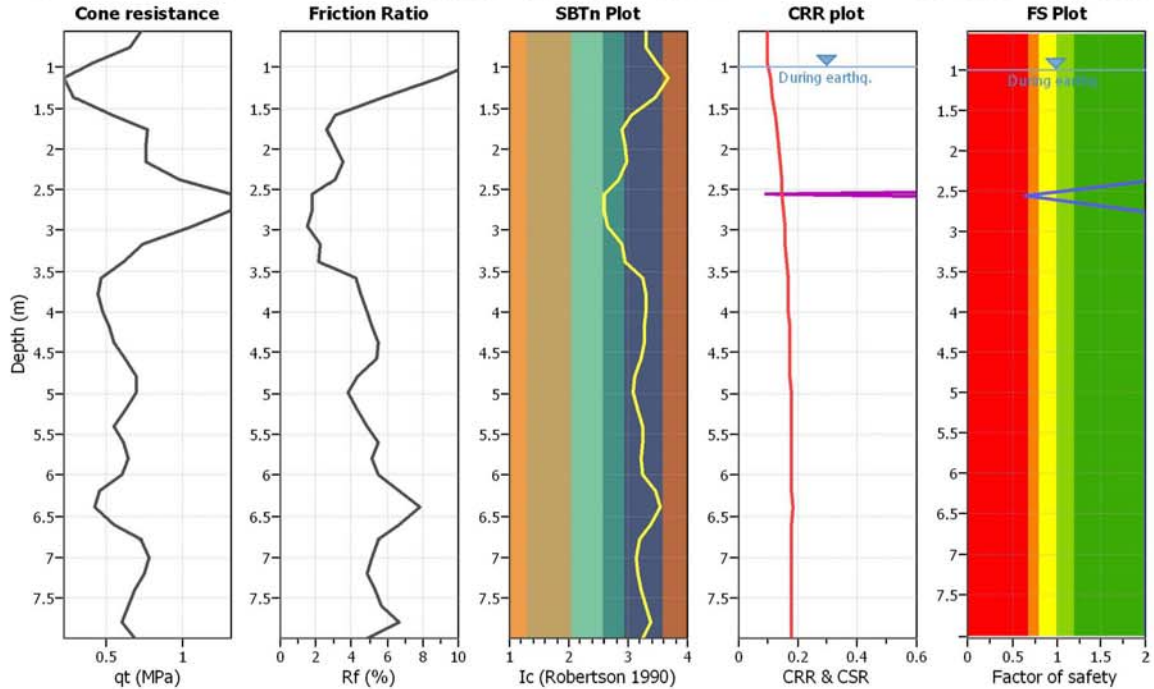
**Project title :**

**Location :**

**CPT file : 203010C030**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

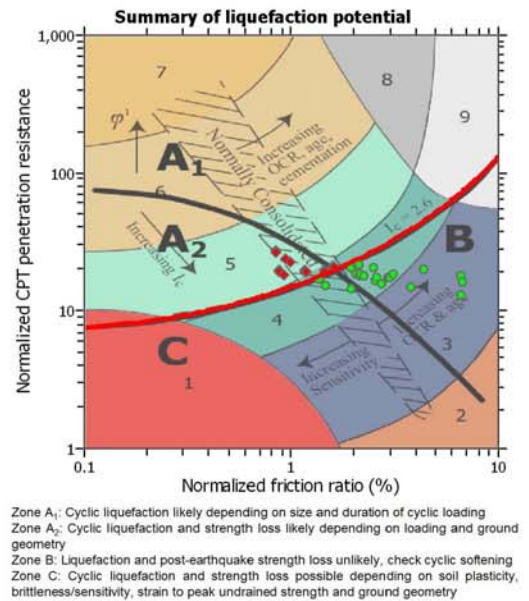
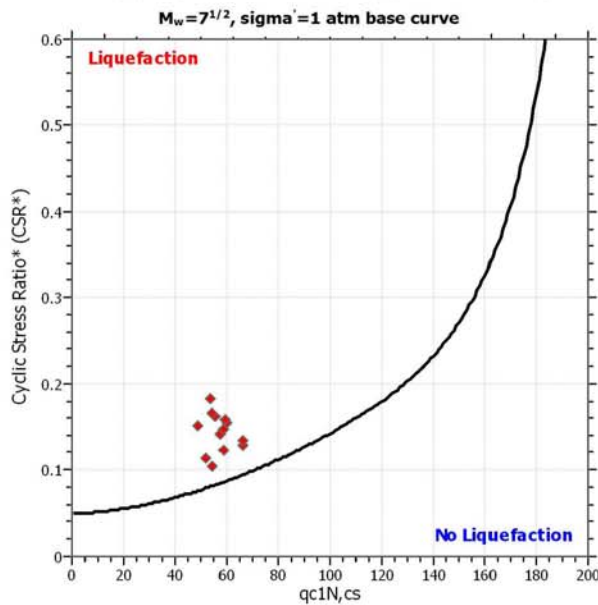
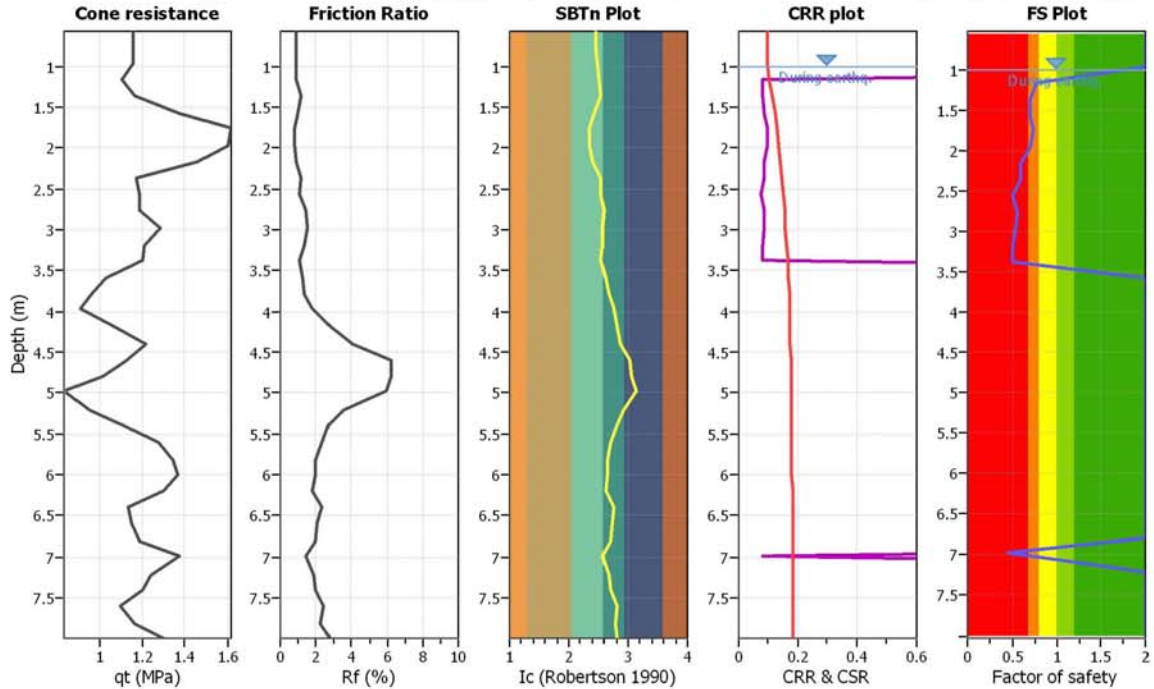
**Project title :**

**Location :**

**CPT file : 203010C031**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

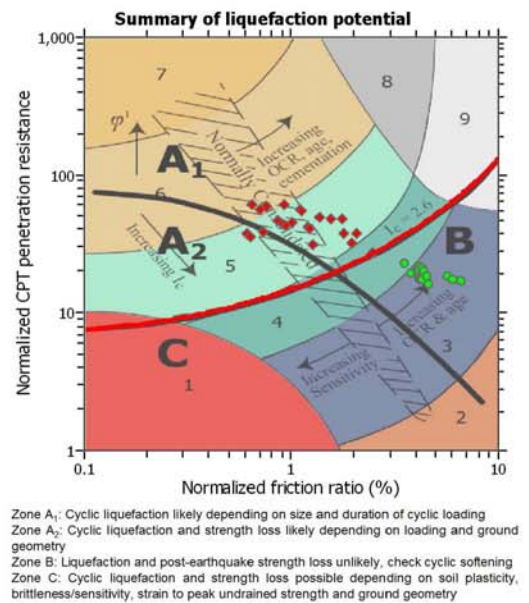
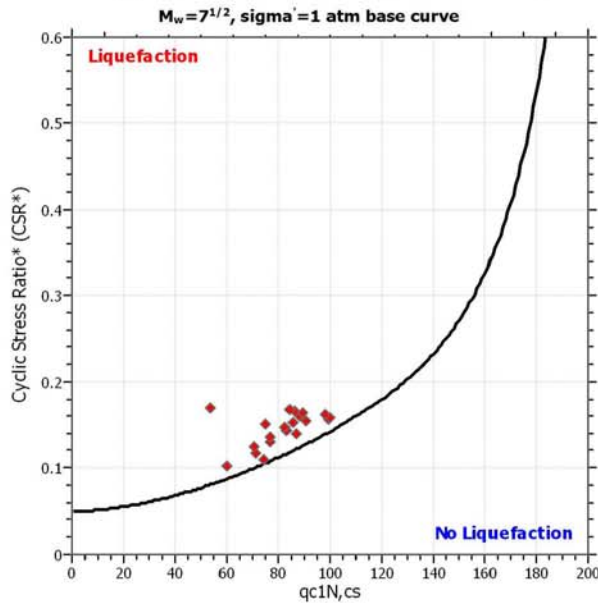
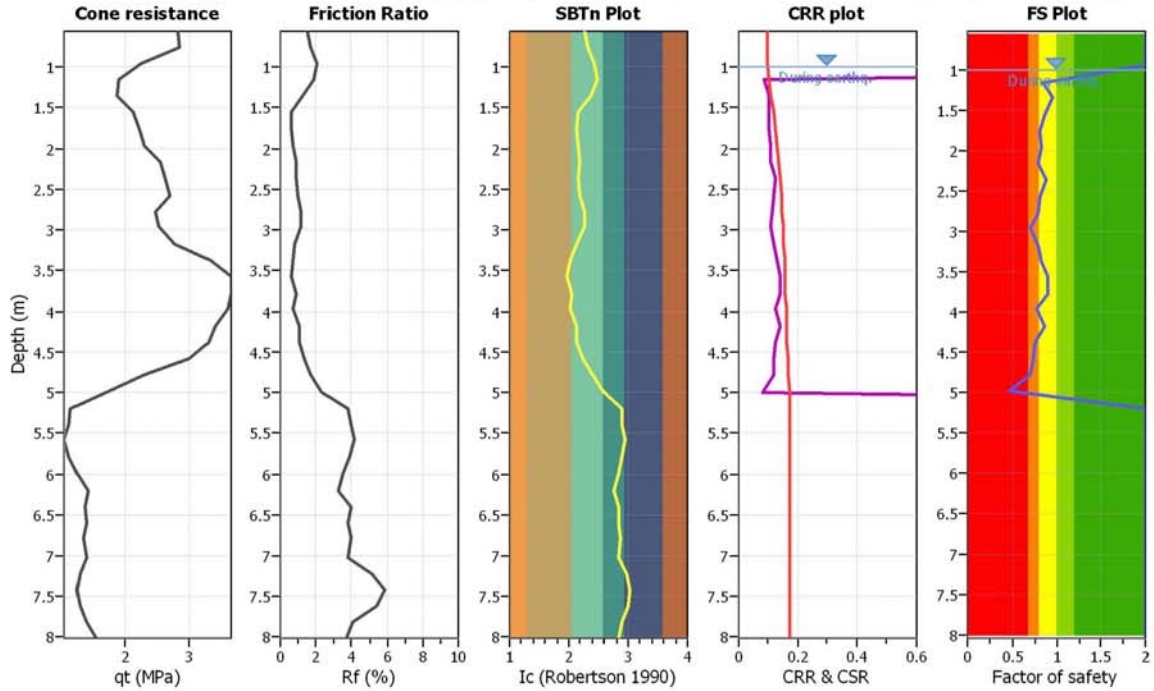
**Project title :**

**Location :**

**CPT file : 203010C032**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

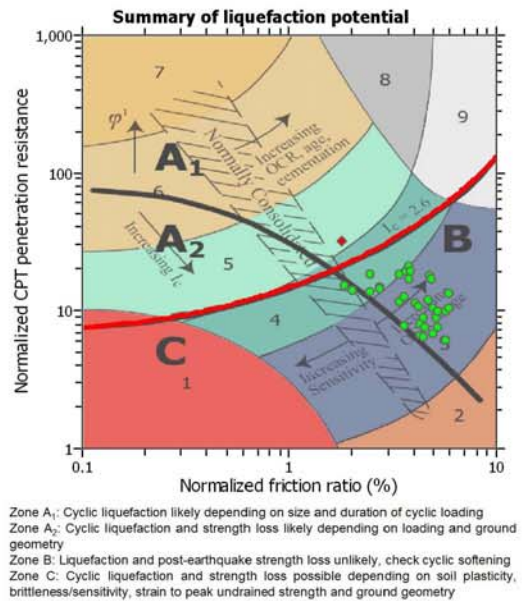
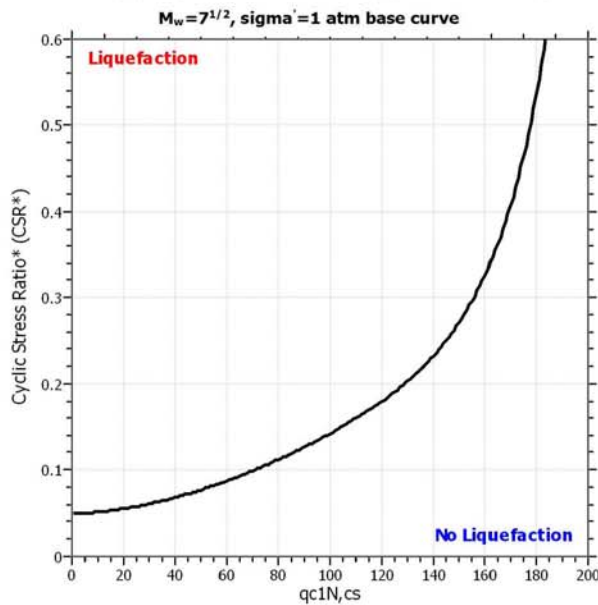
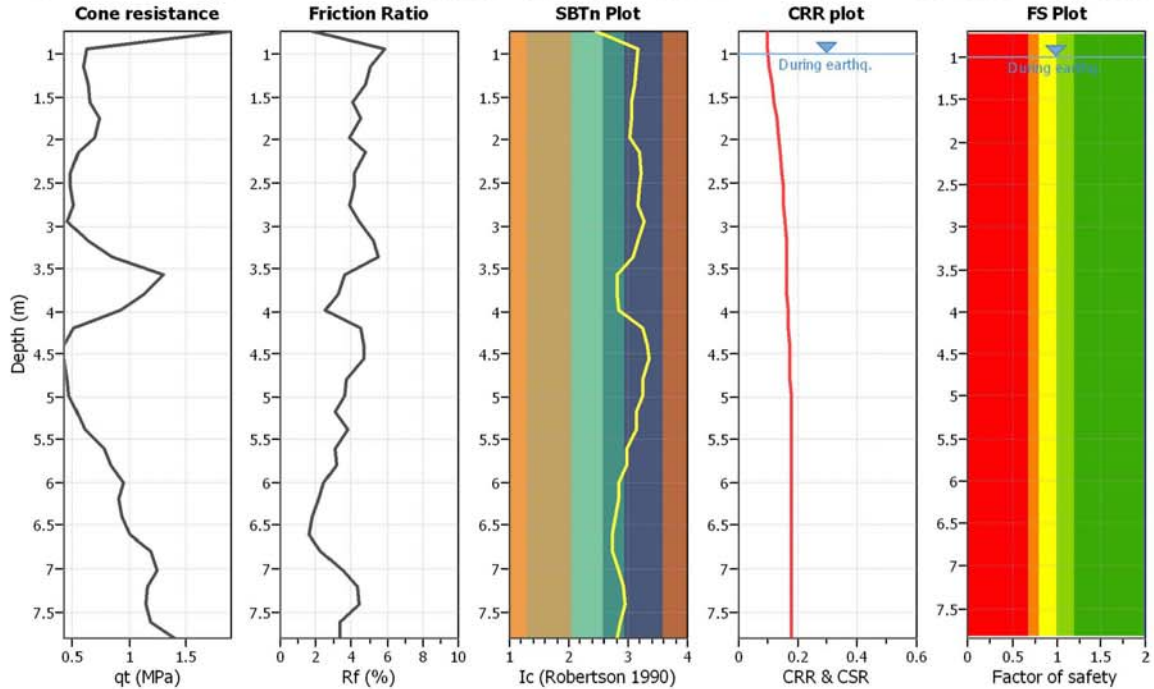
**Project title :**

**Location :**

**CPT file : 203010C033**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

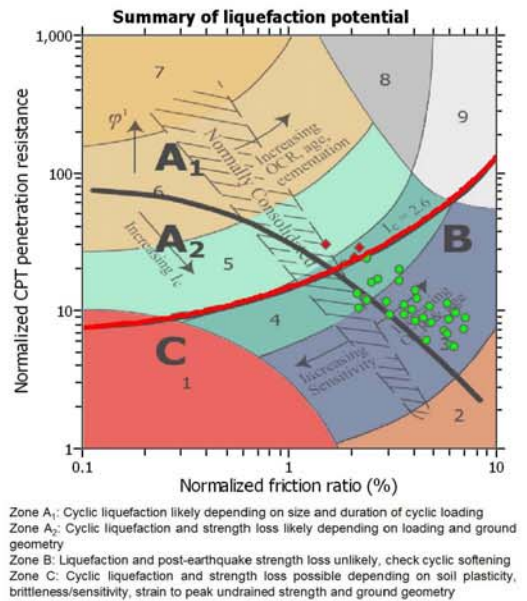
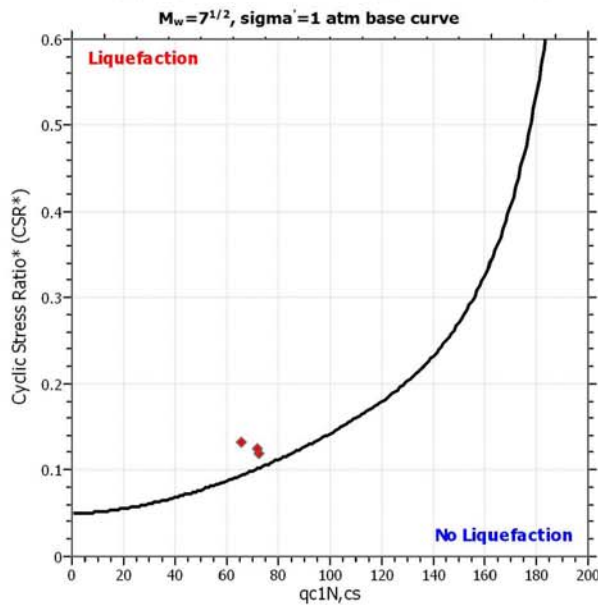
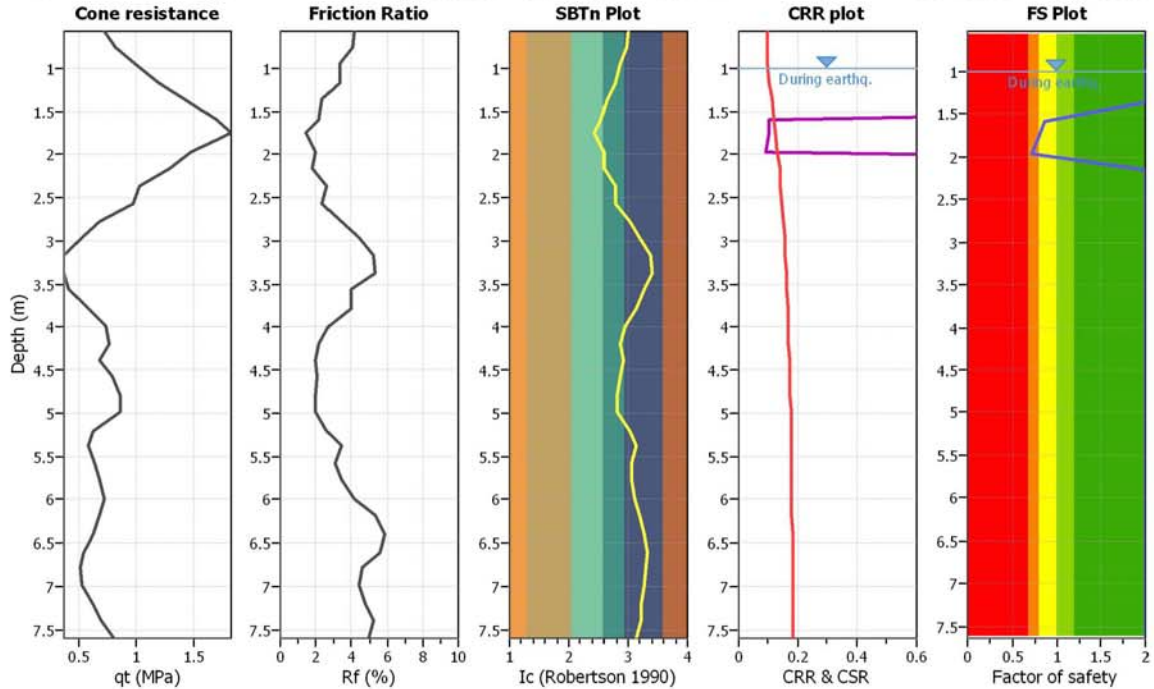
**Project title :**

**Location :**

**CPT file : 203010C034**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

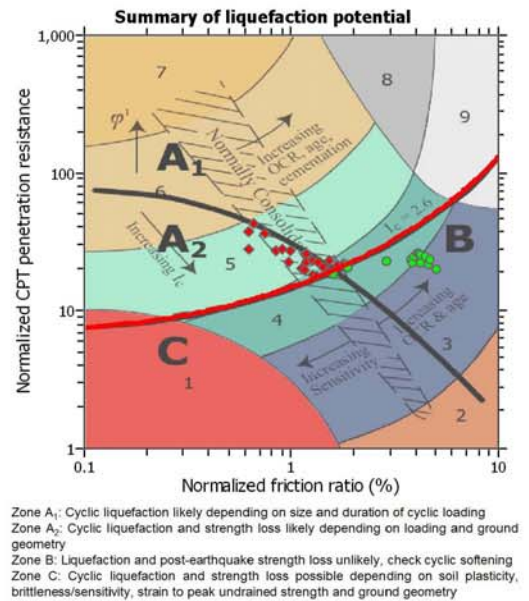
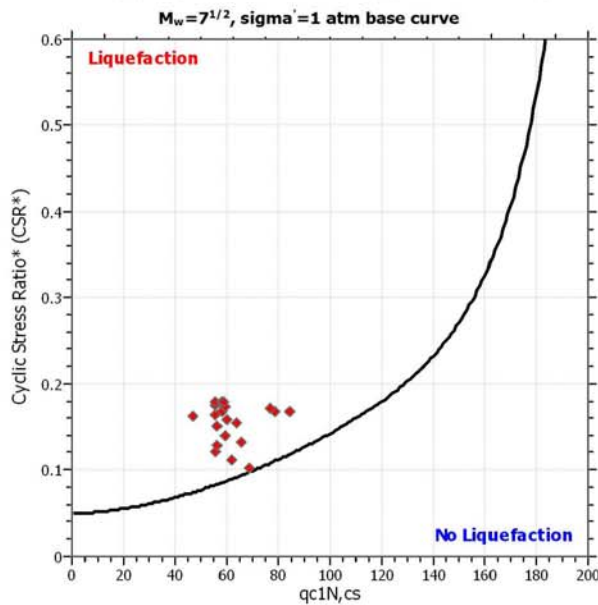
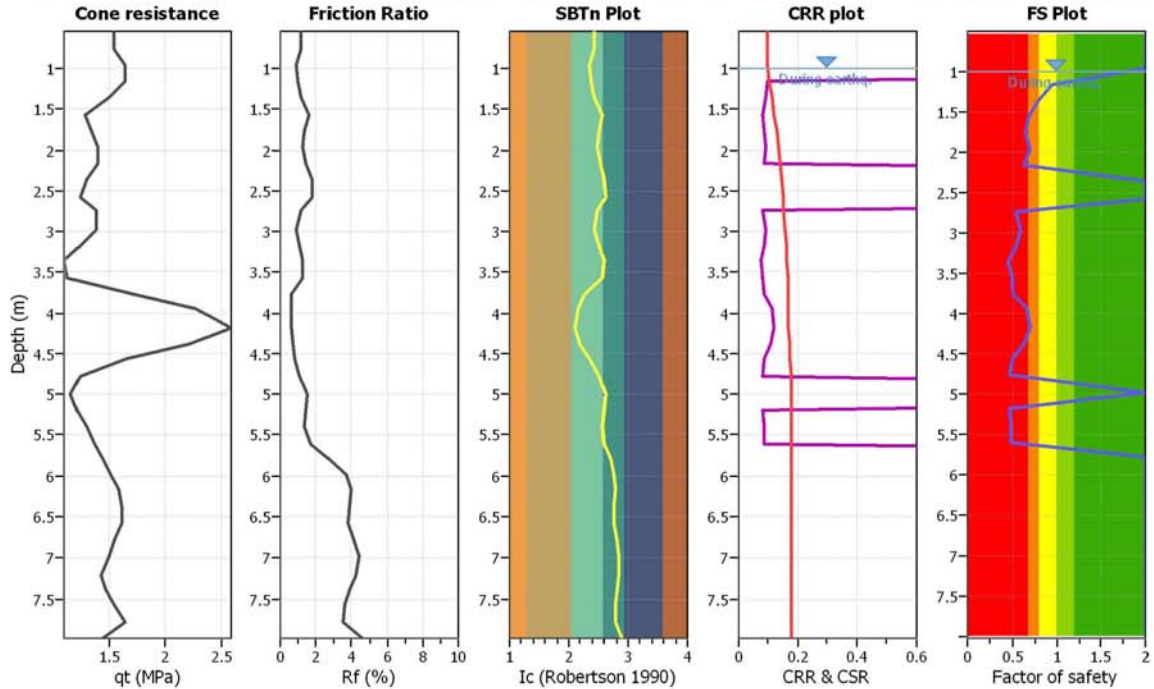
**Project title :**

**Location :**

**CPT file : 203010C035**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

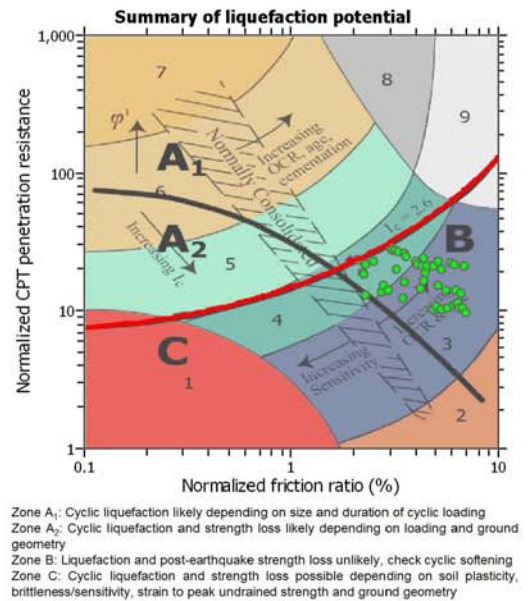
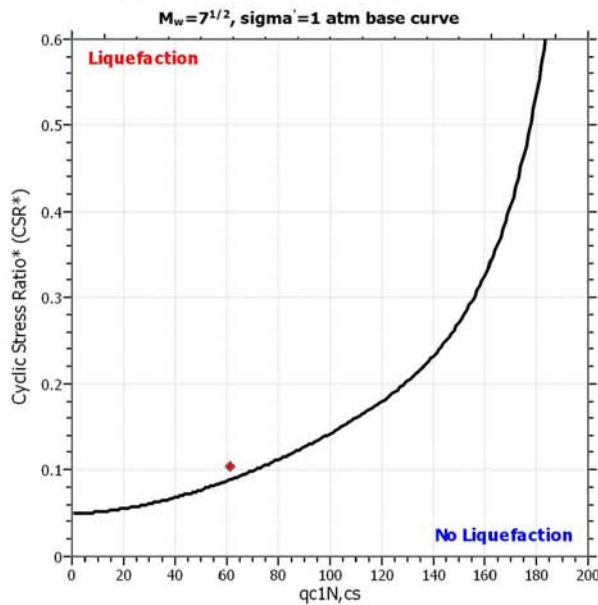
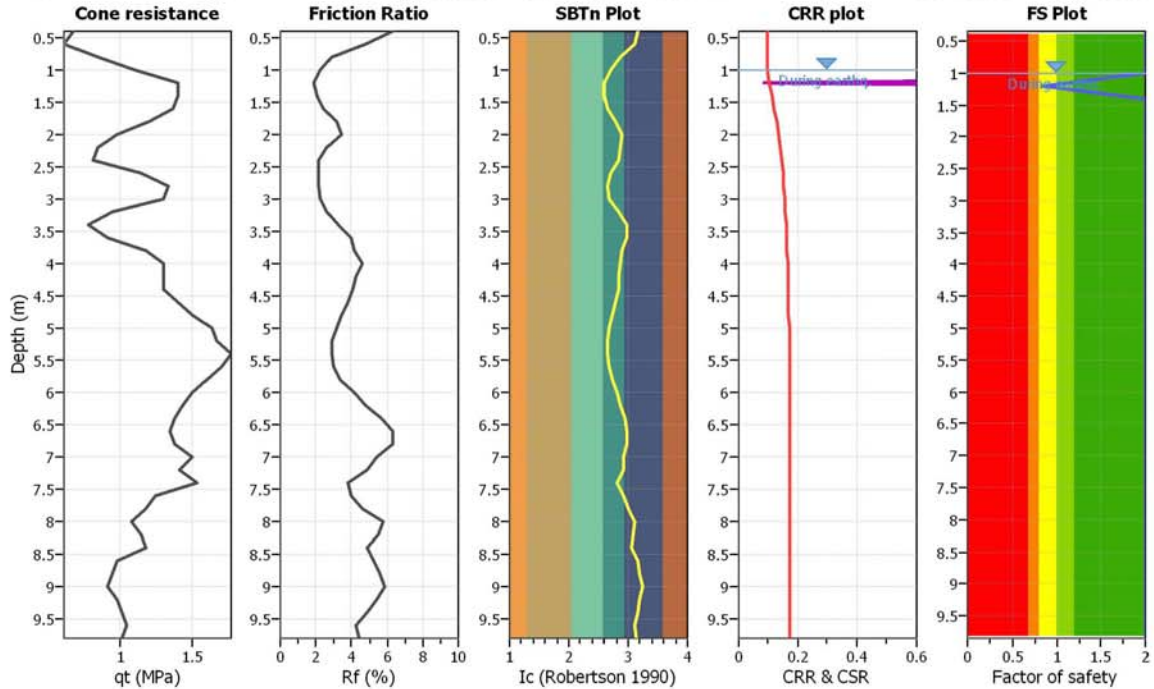
**Project title :**

**Location :**

**CPT file : 203010C036**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

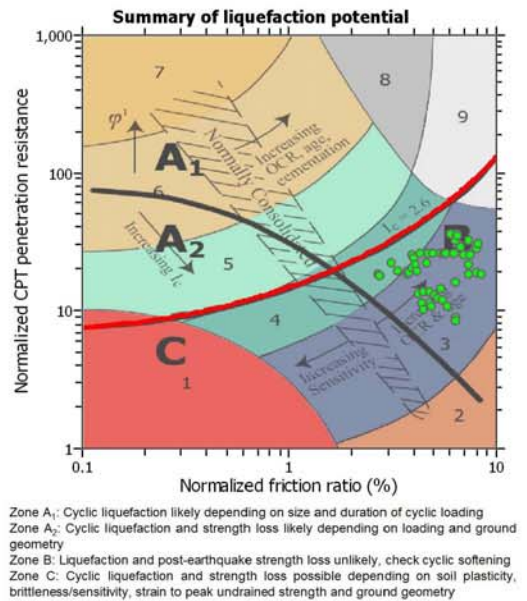
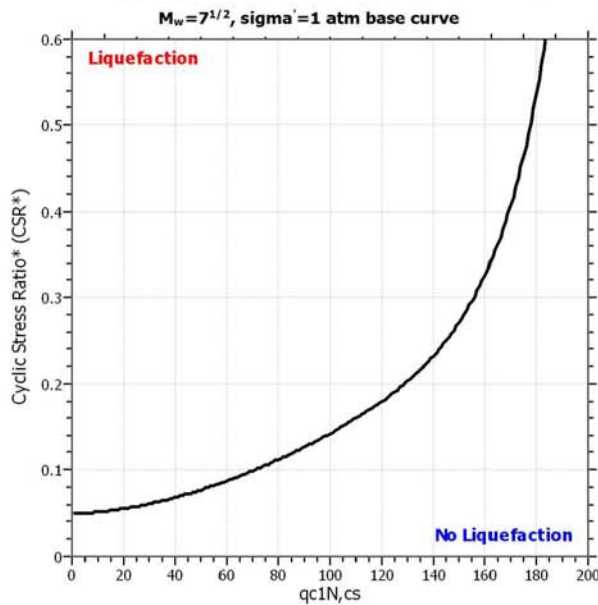
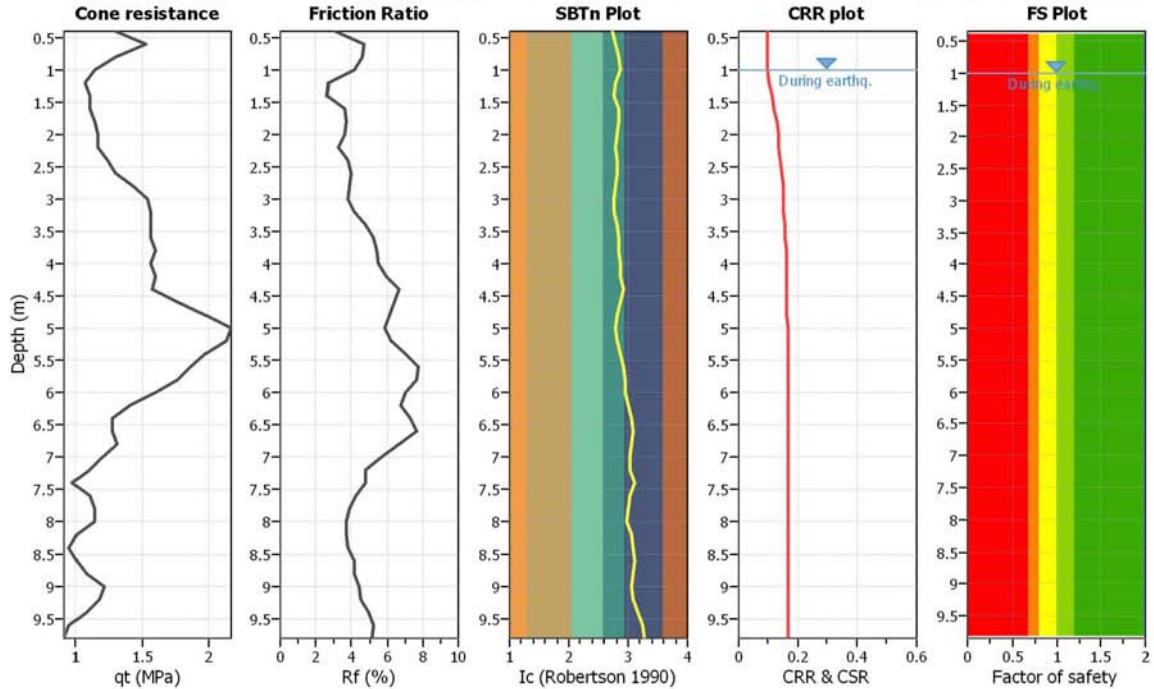
**Project title :**

**Location :**

**CPT file : 203010C037**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

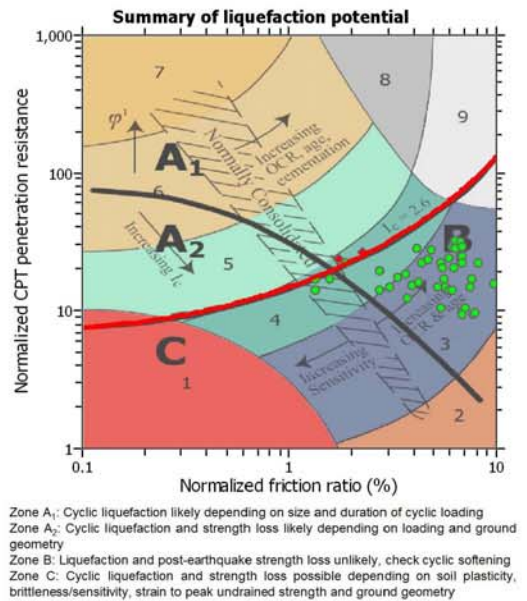
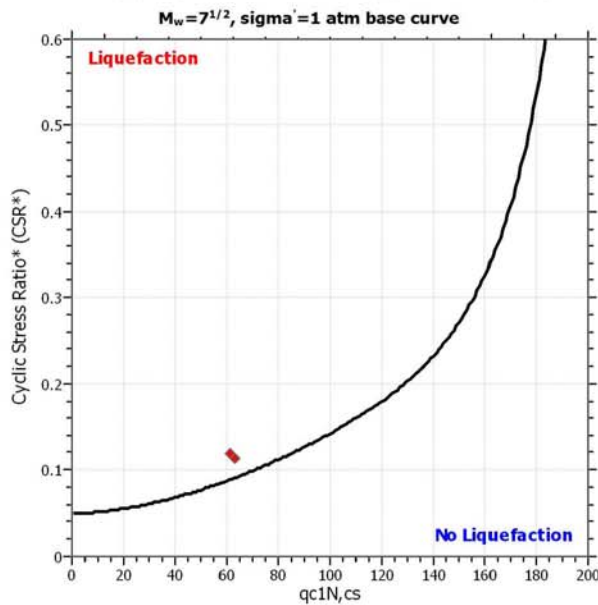
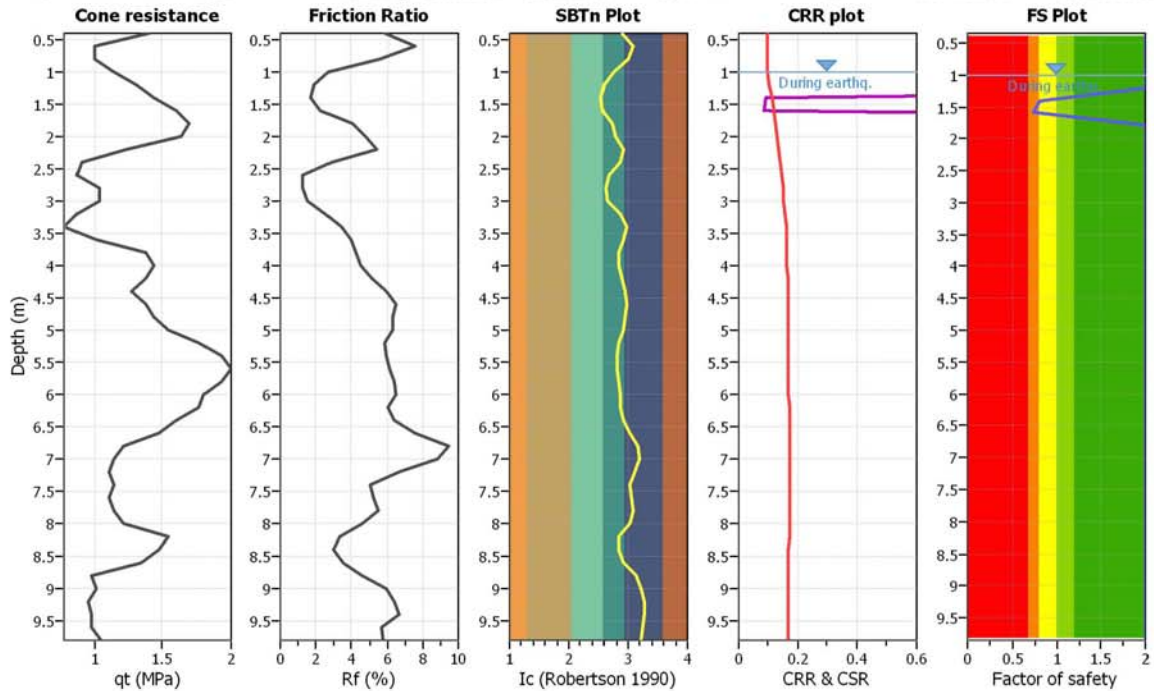
**Project title :**

**Location :**

**CPT file : 203010C038**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

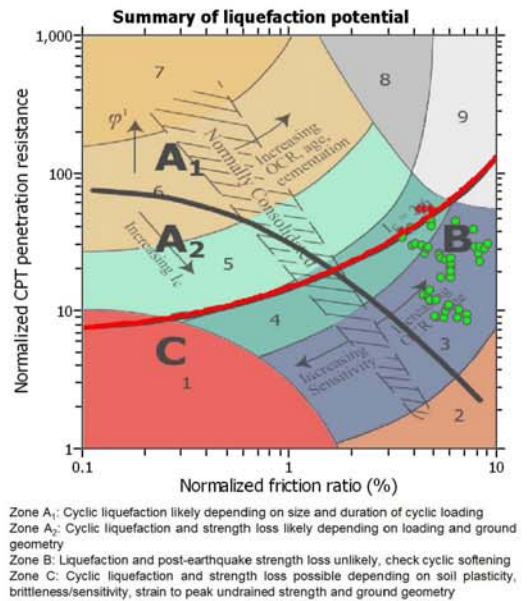
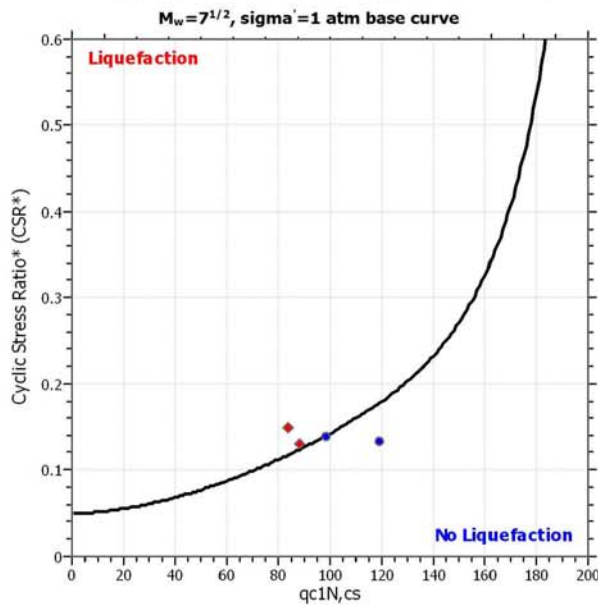
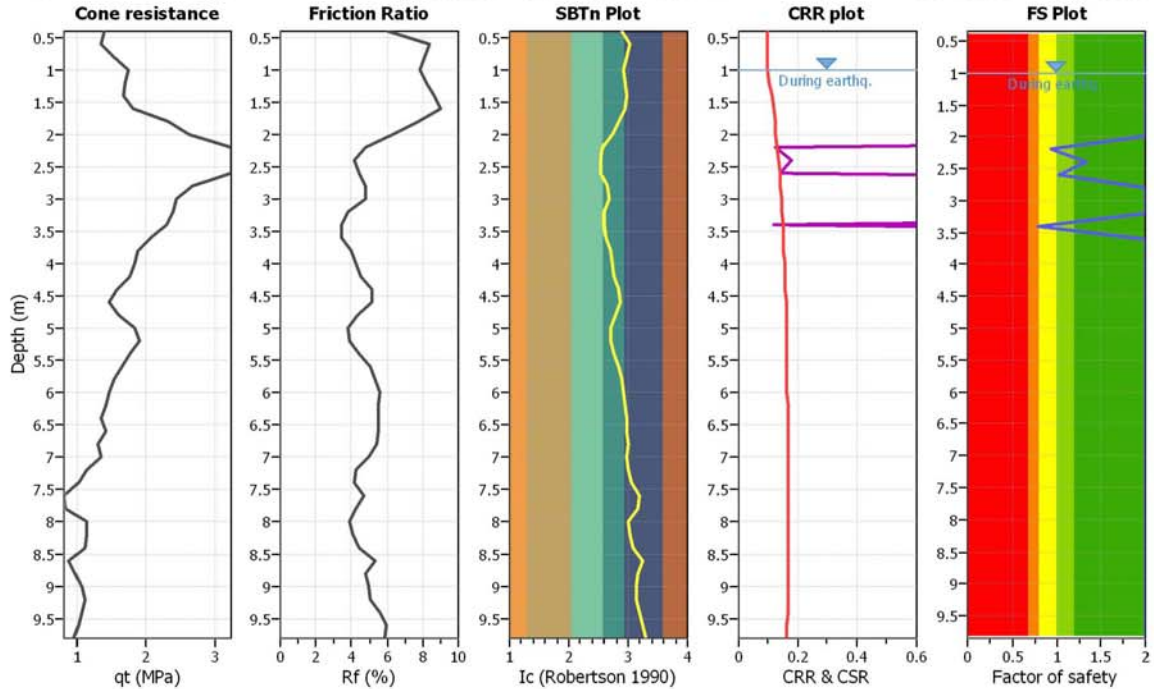
**Project title :**

**Location :**

**CPT file : 203010C039**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

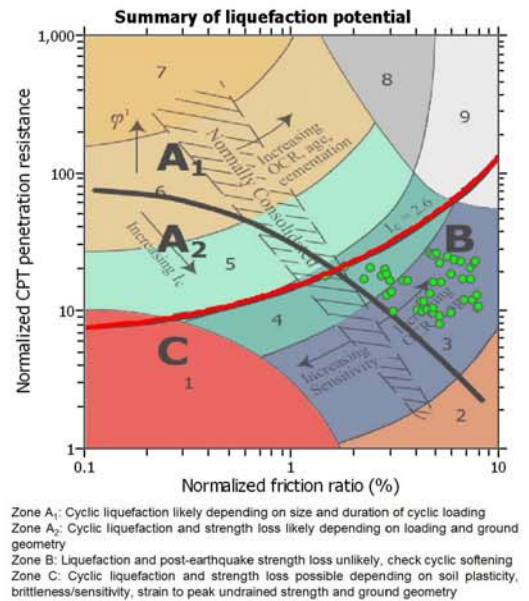
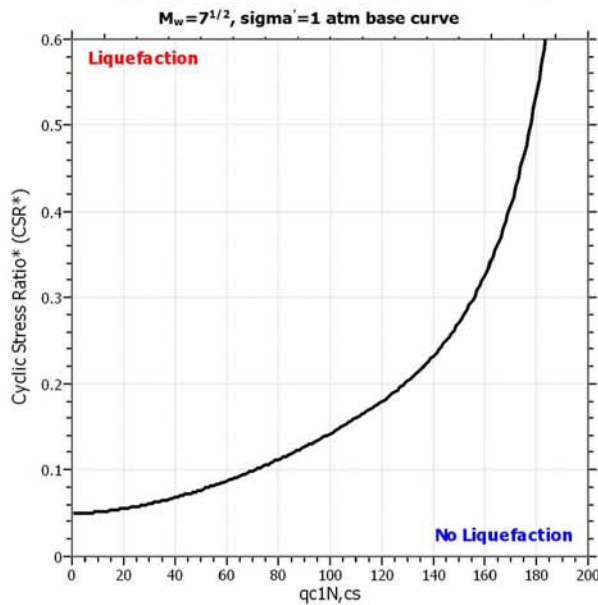
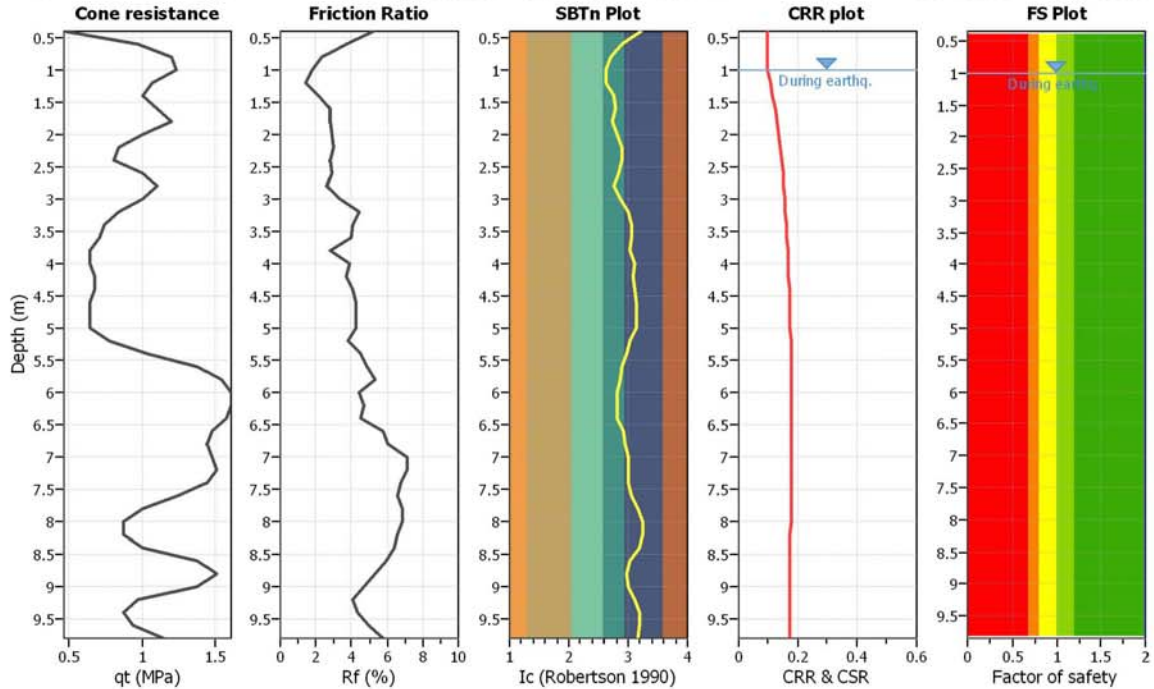
**Project title :**

**Location :**

**CPT file : 203010C040**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

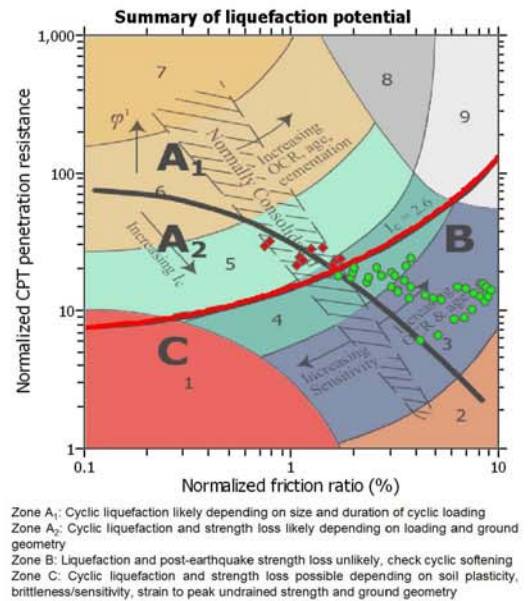
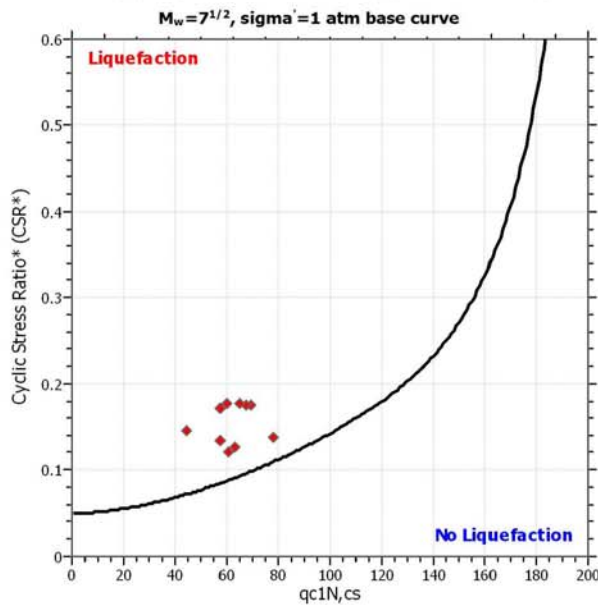
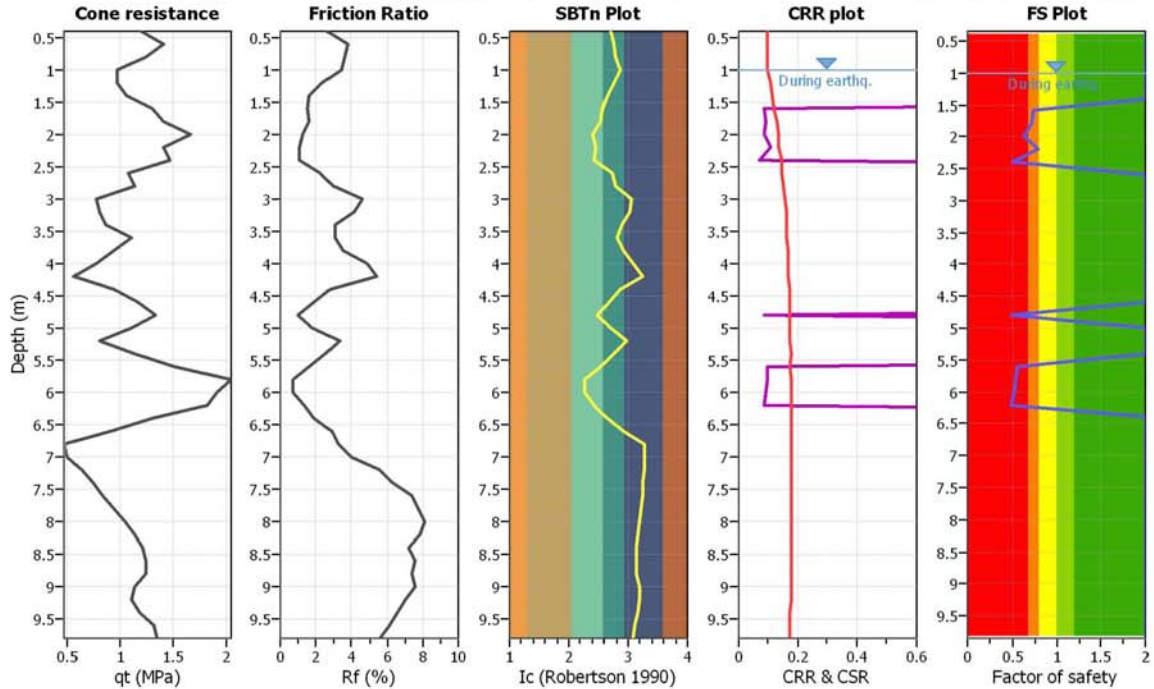
**Project title :**

**Location :**

**CPT file : 203010C041**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

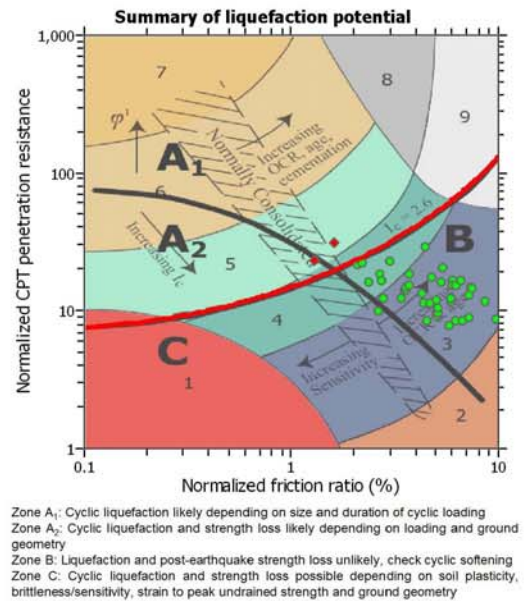
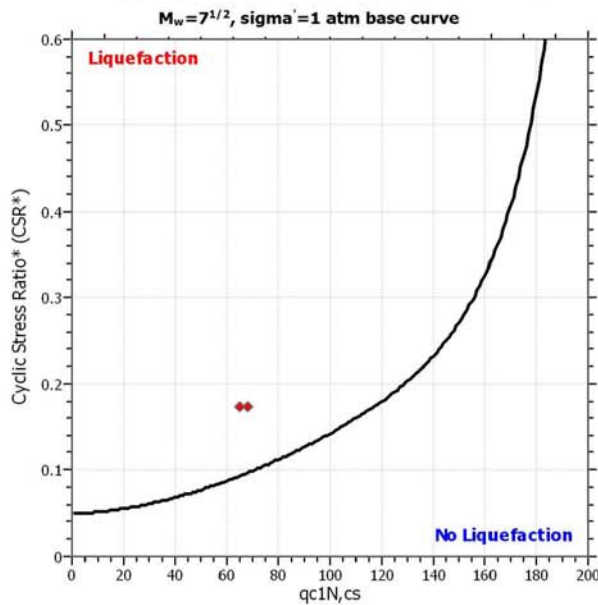
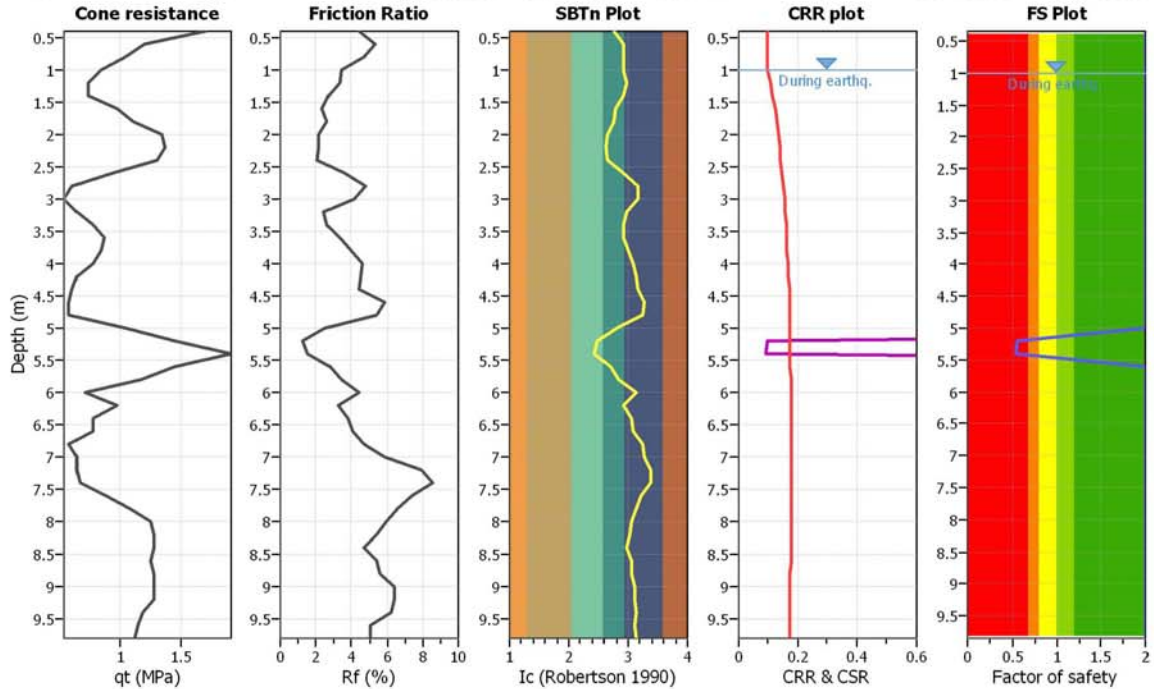
**Project title :**

**Location :**

**CPT file : 203010C042**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

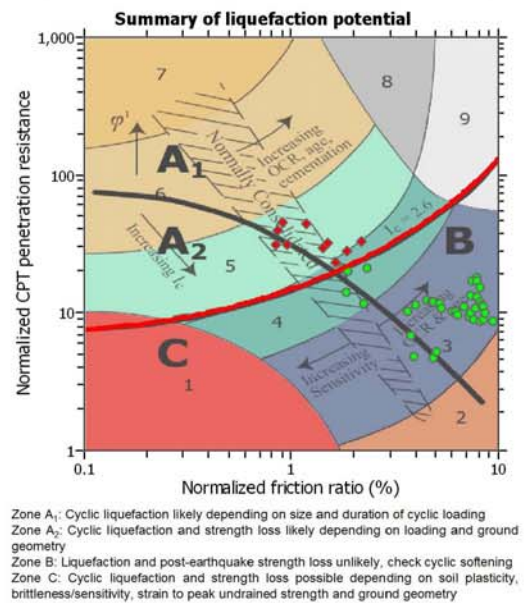
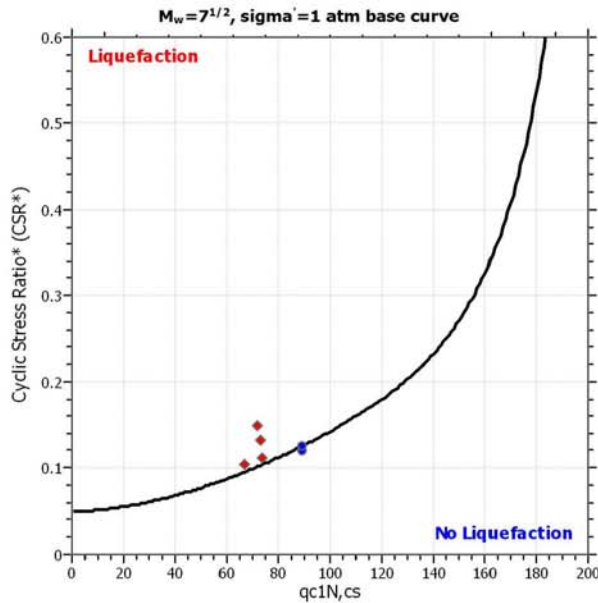
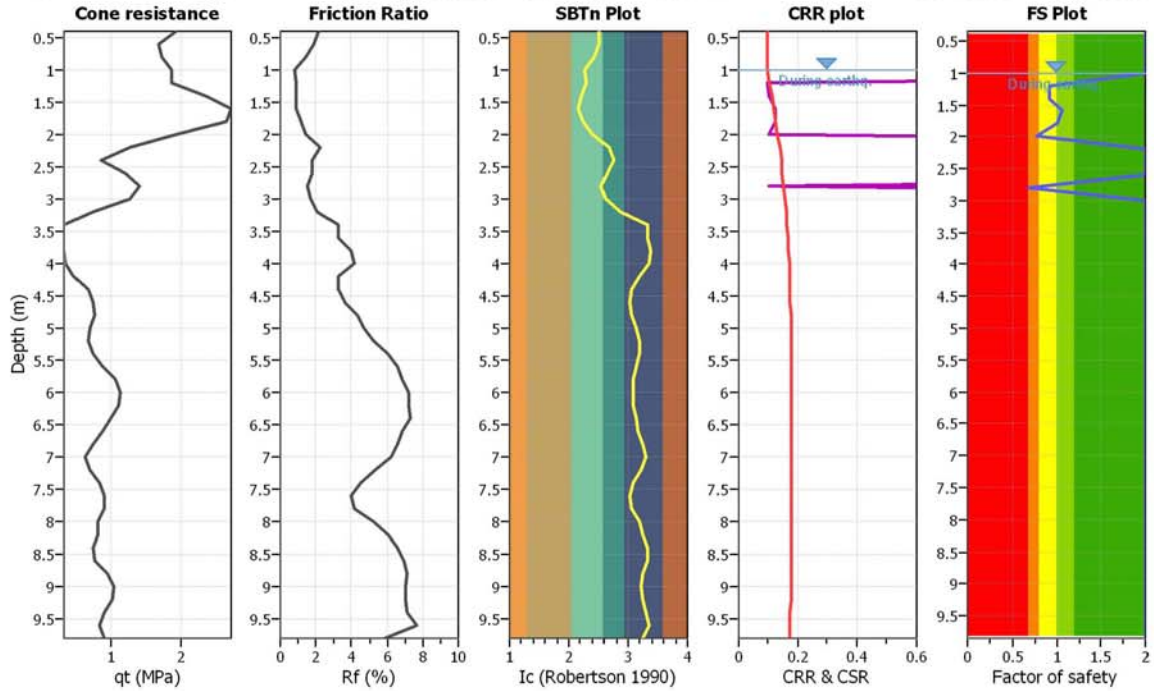
**Project title :**

**Location :**

**CPT file : 203010C043**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

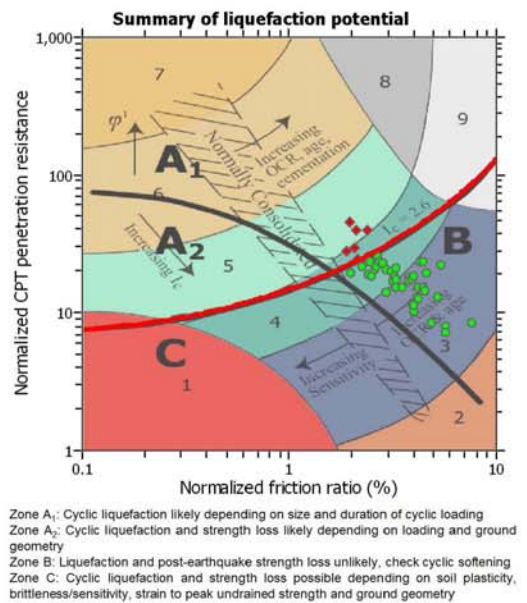
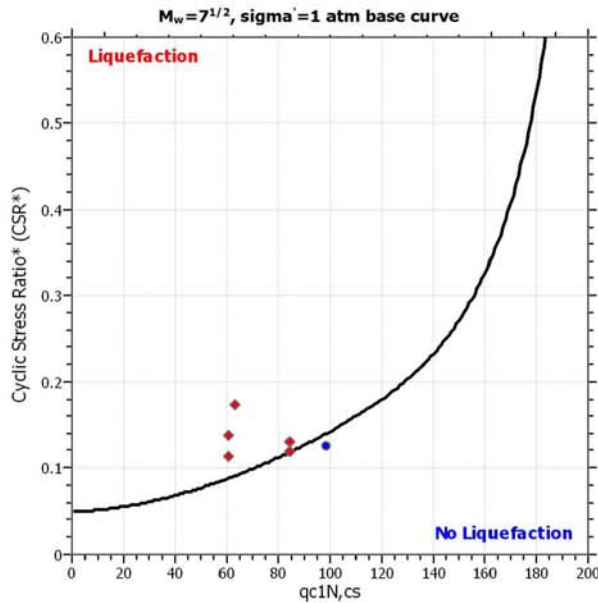
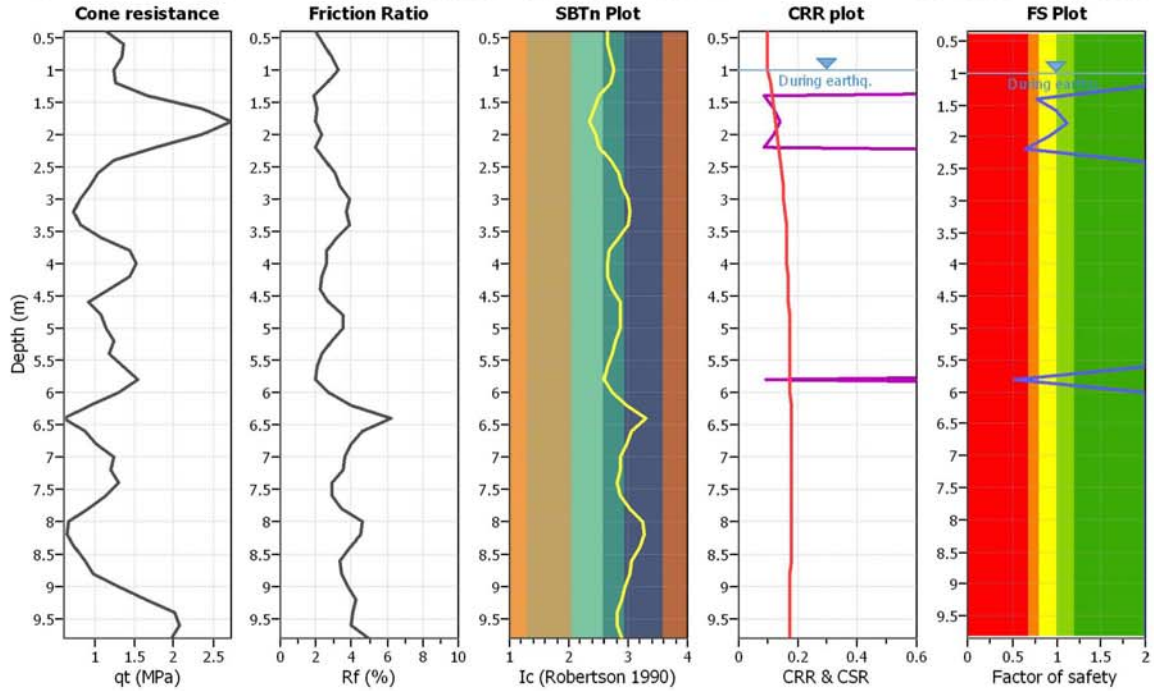
**Project title :**

**Location :**

**CPT file : 203010C044**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

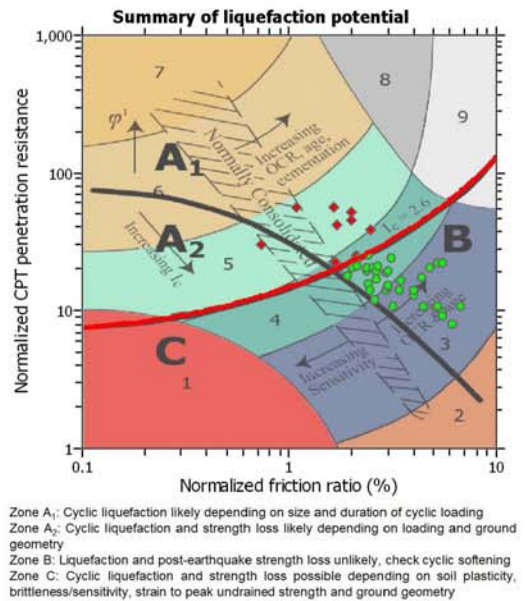
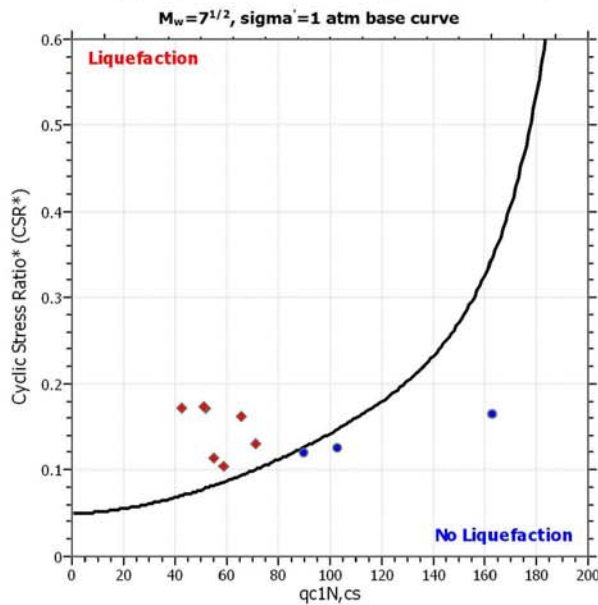
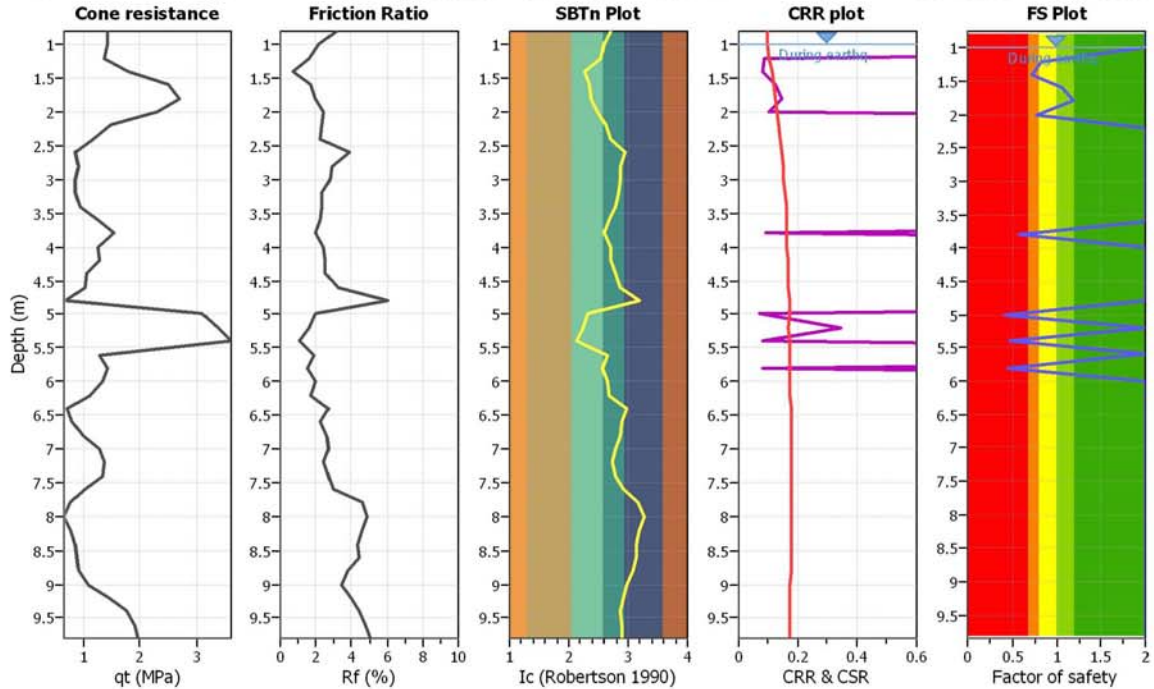
**Project title :**

**Location :**

**CPT file : 203010C045**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

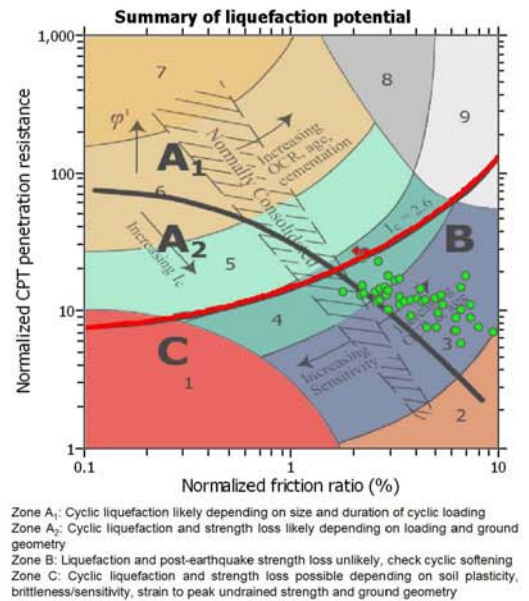
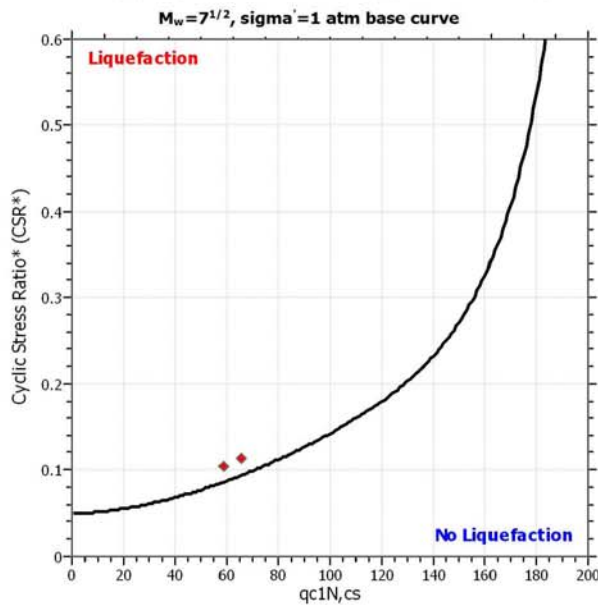
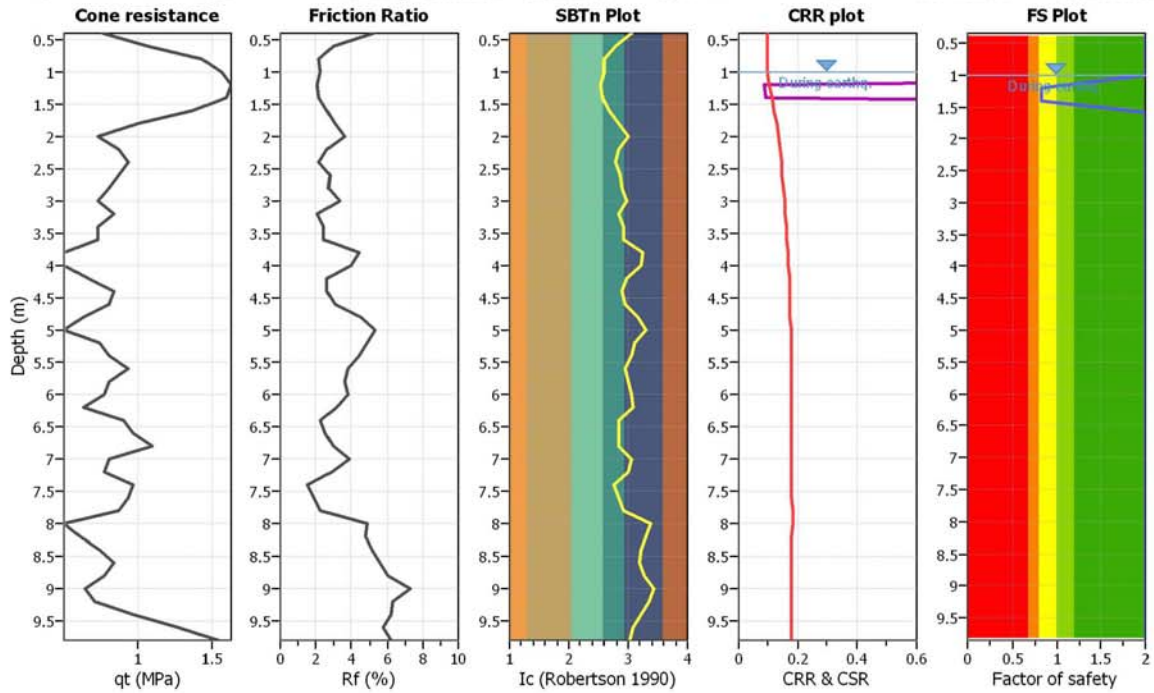
**Project title :**

**Location :**

**CPT file : 203010C046**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

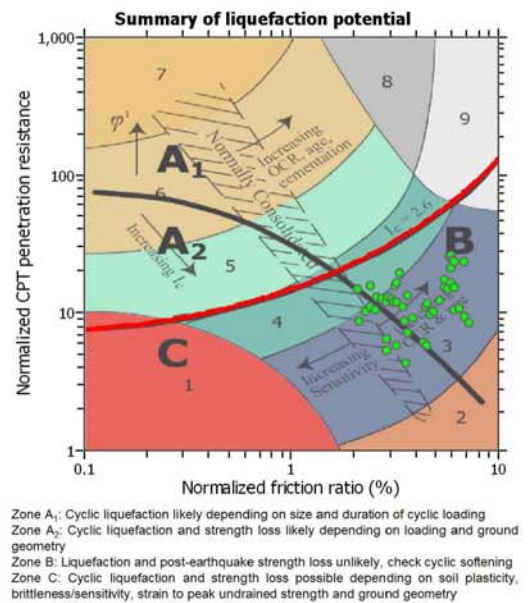
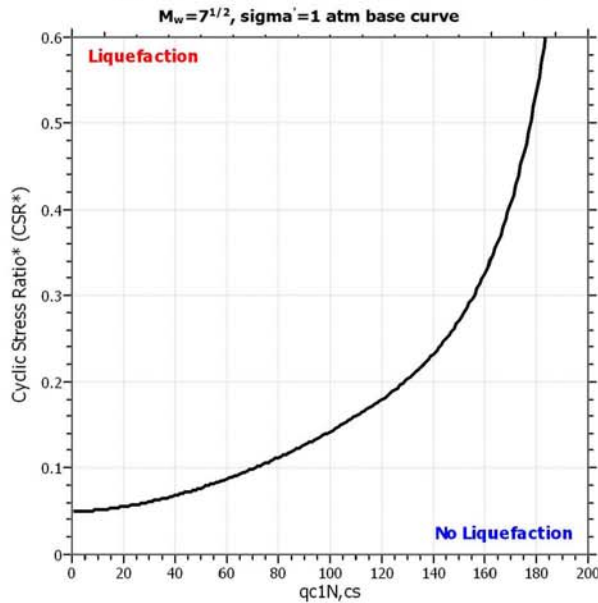
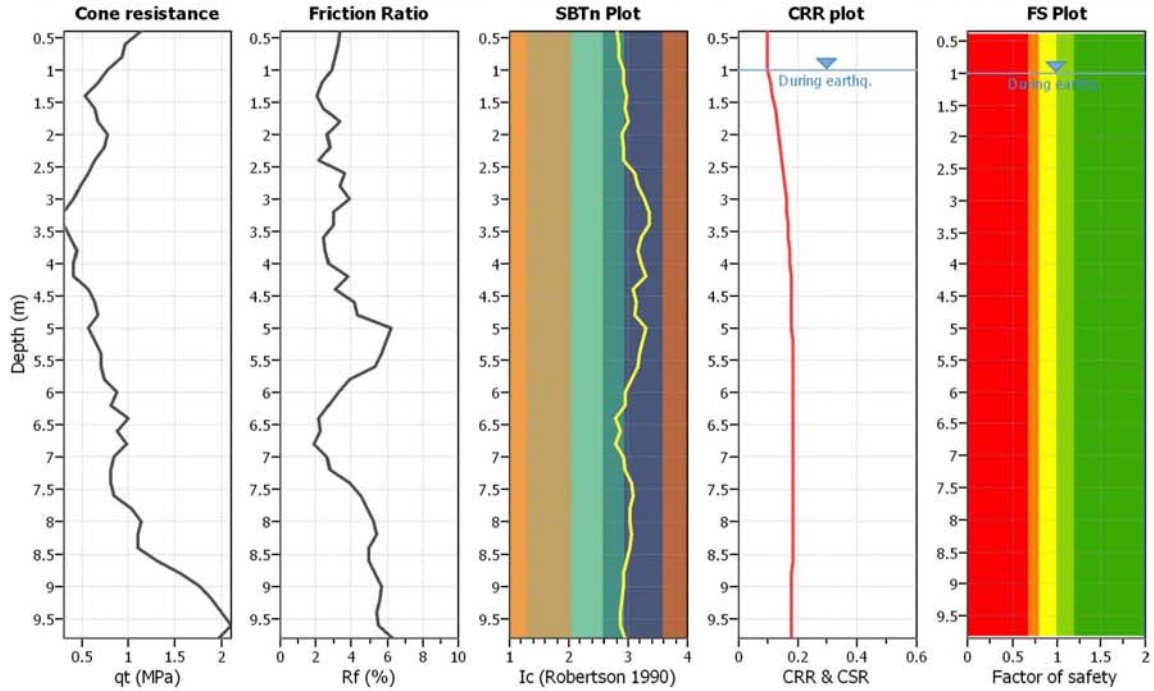
**Project title :**

**Location :**

**CPT file : 203010C047**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

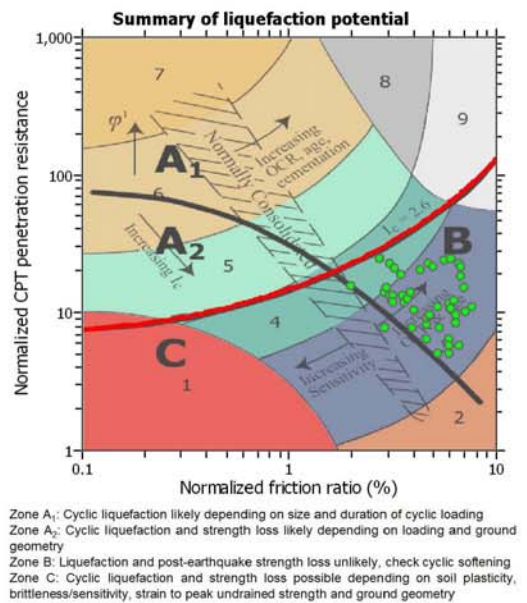
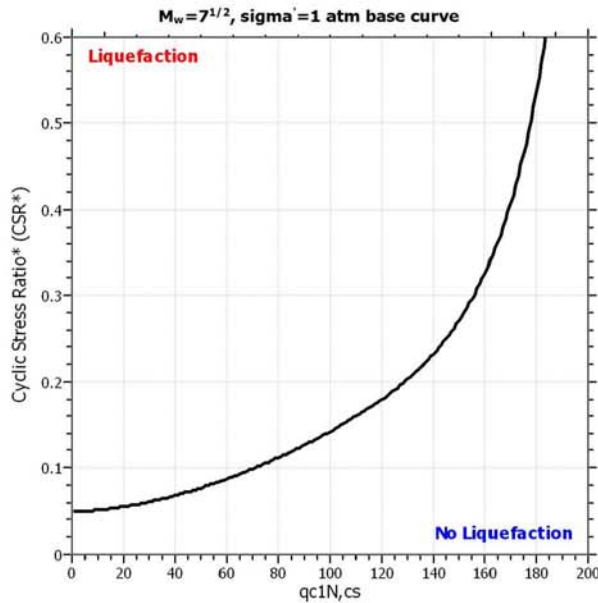
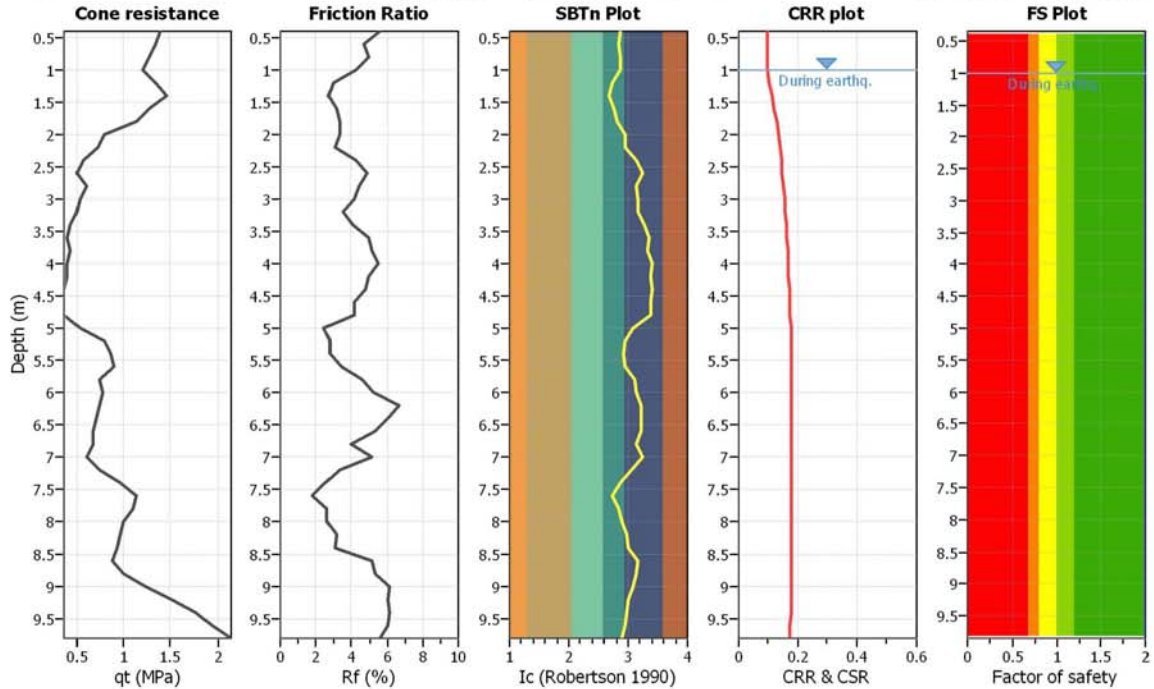
**Project title :**

**Location :**

**CPT file : 203010C048**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

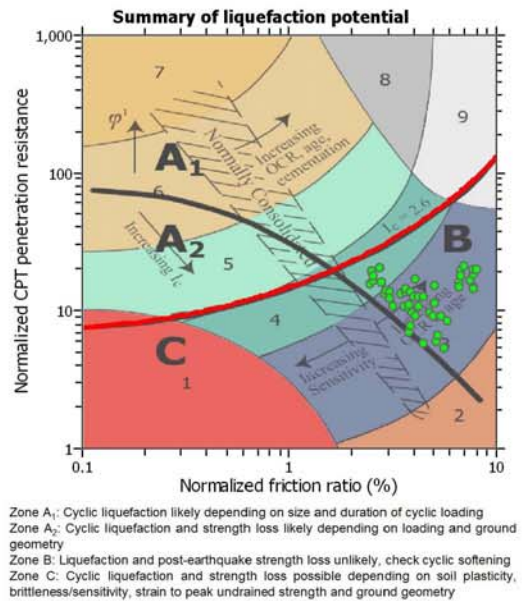
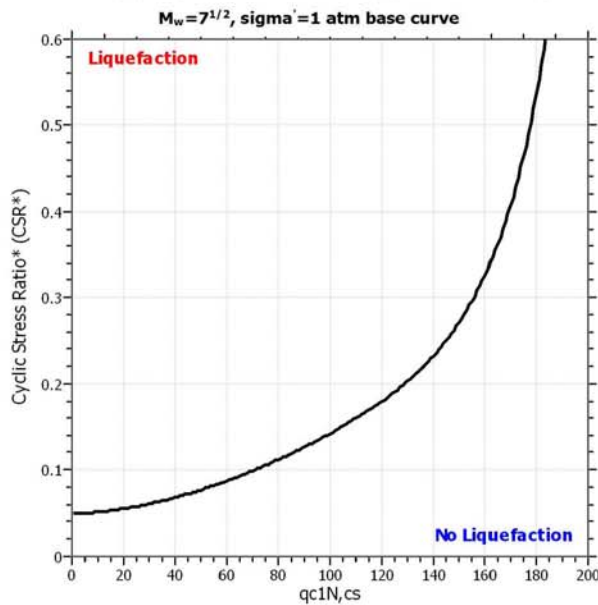
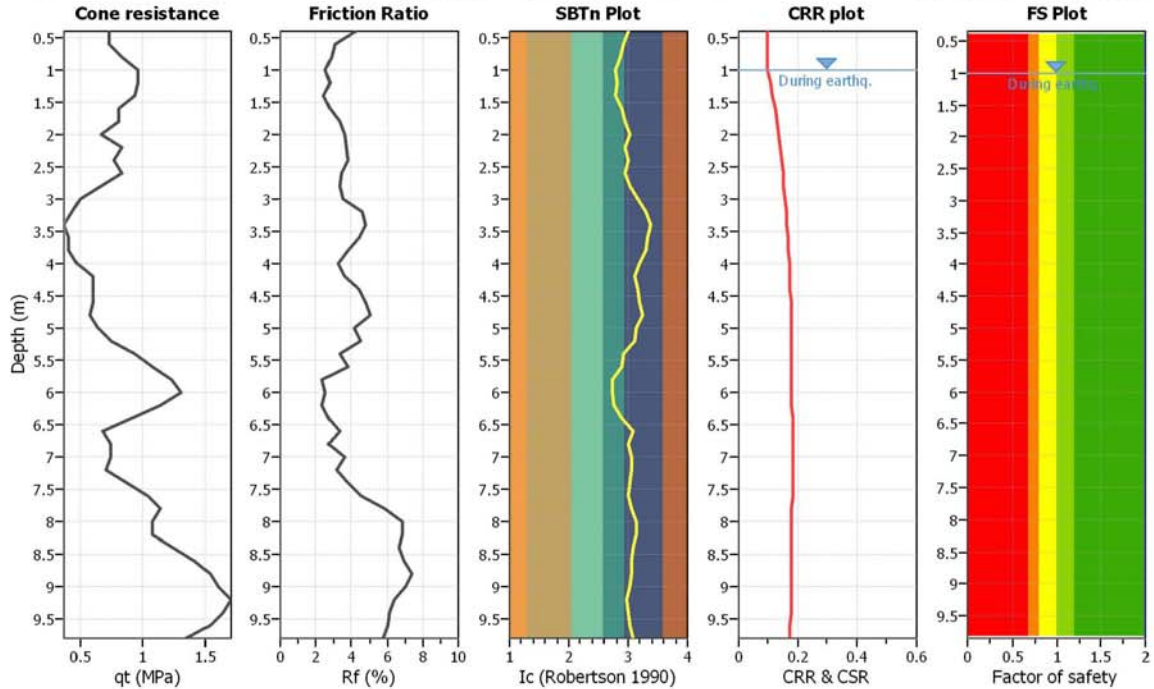
**Project title :**

**Location :**

**CPT file : 203010C049**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

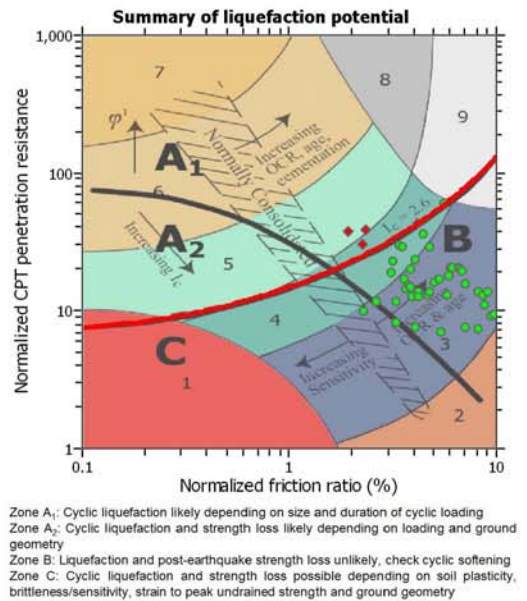
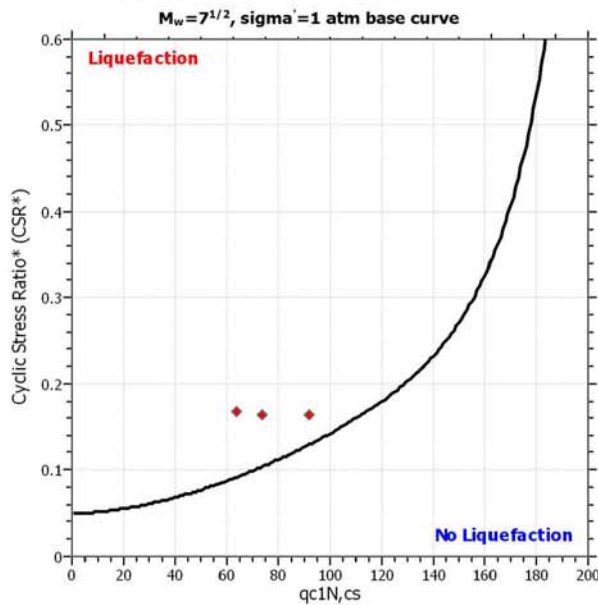
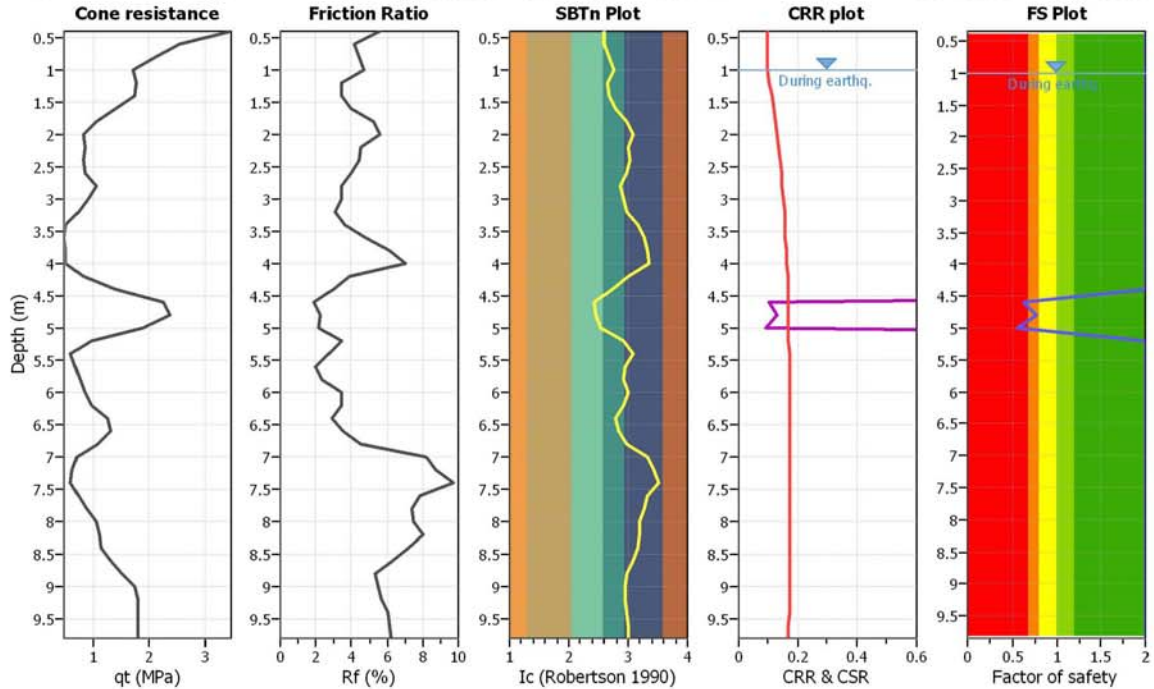
**Project title :**

**Location :**

**CPT file : 203010C050**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

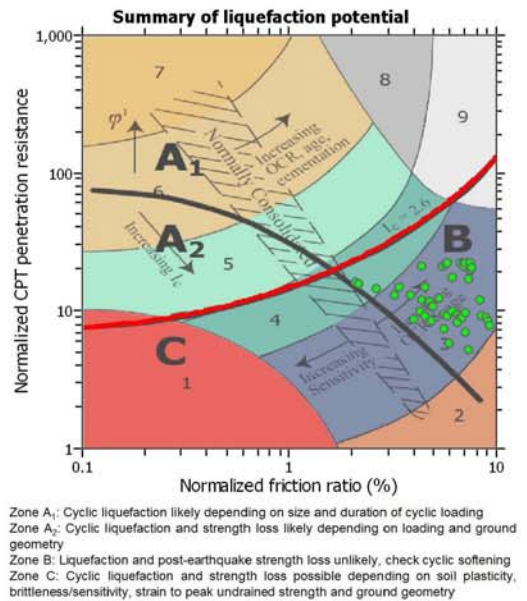
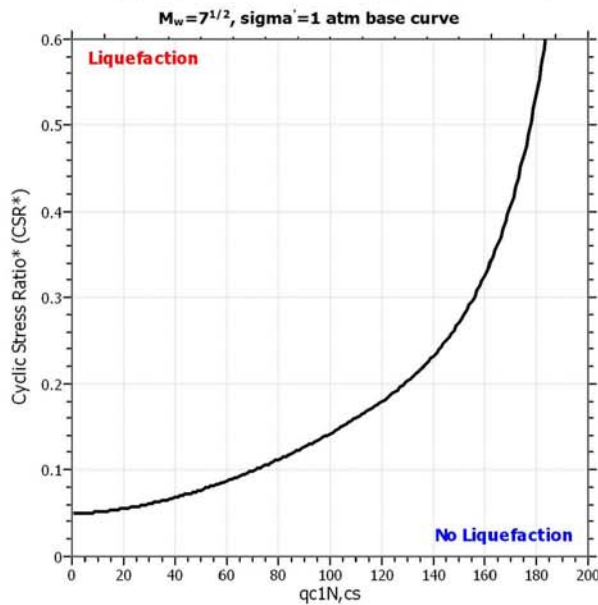
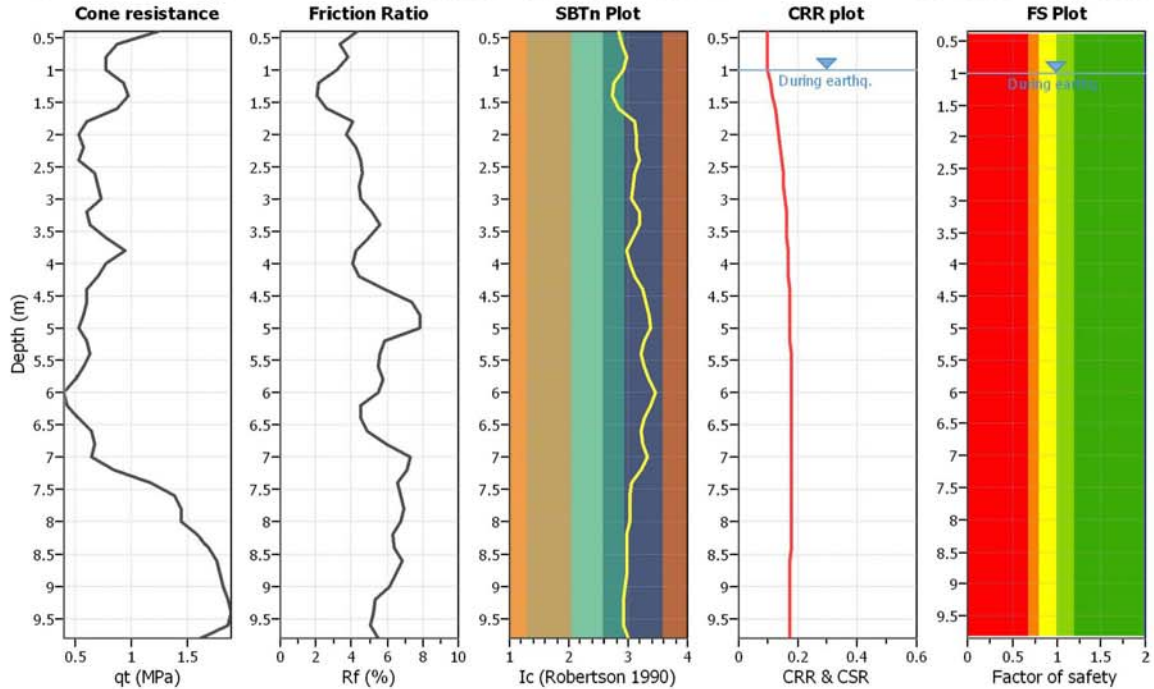
**Project title :**

**Location :**

**CPT file : 203010C051**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

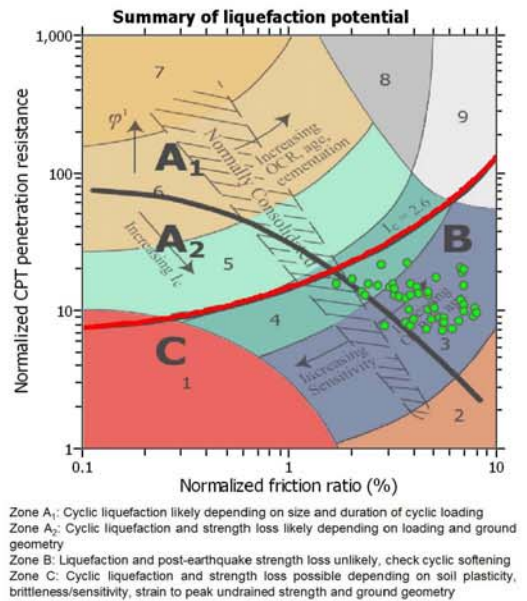
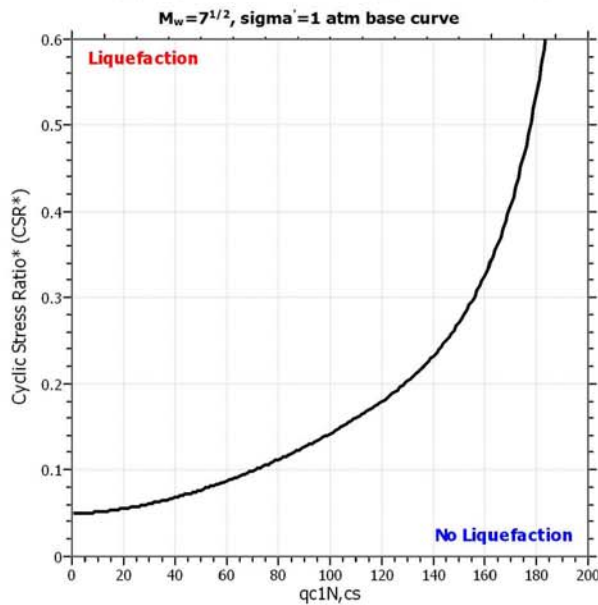
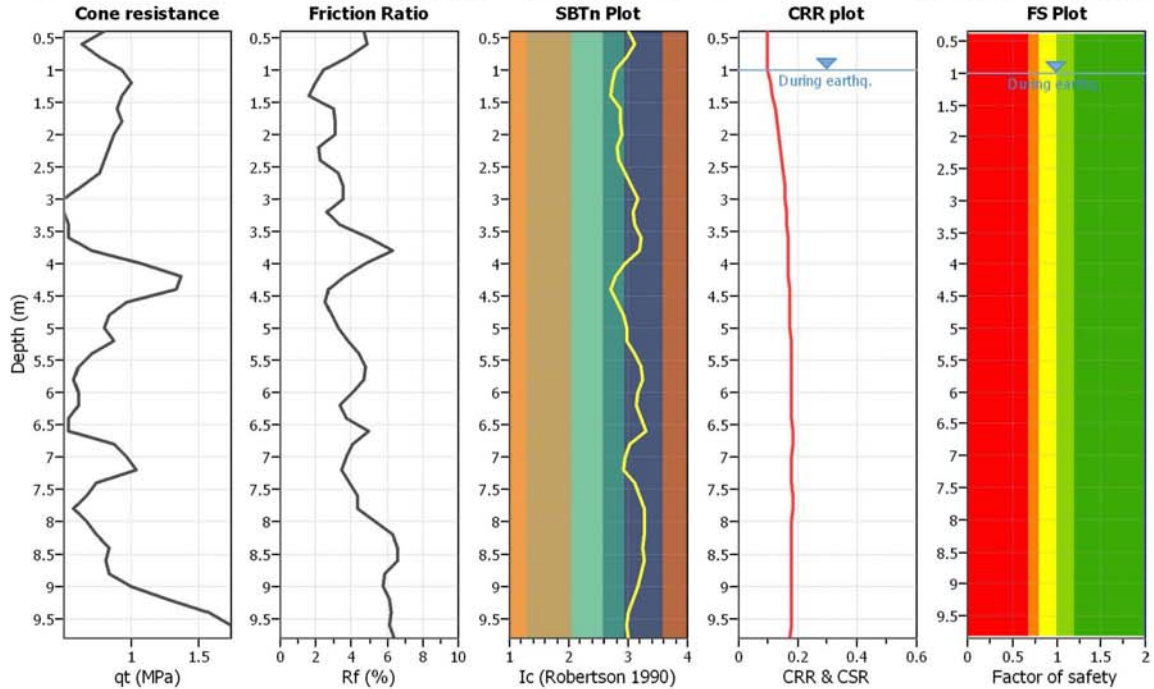
**Project title :**

**Location :**

**CPT file : 203010C052**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

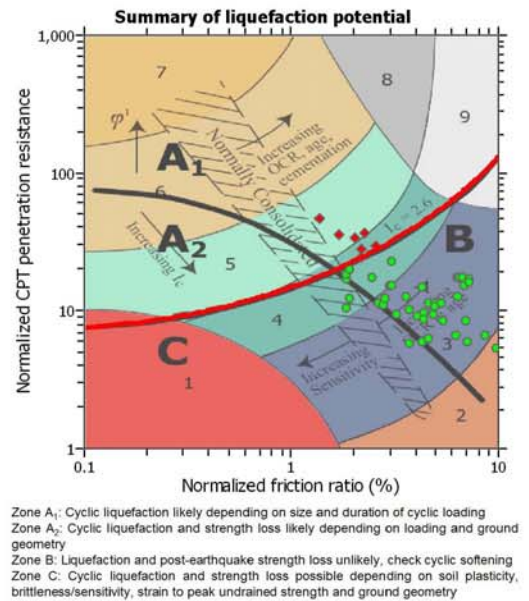
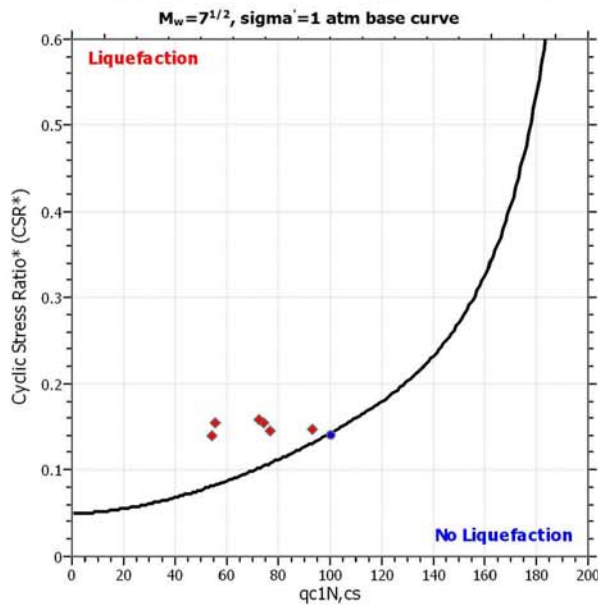
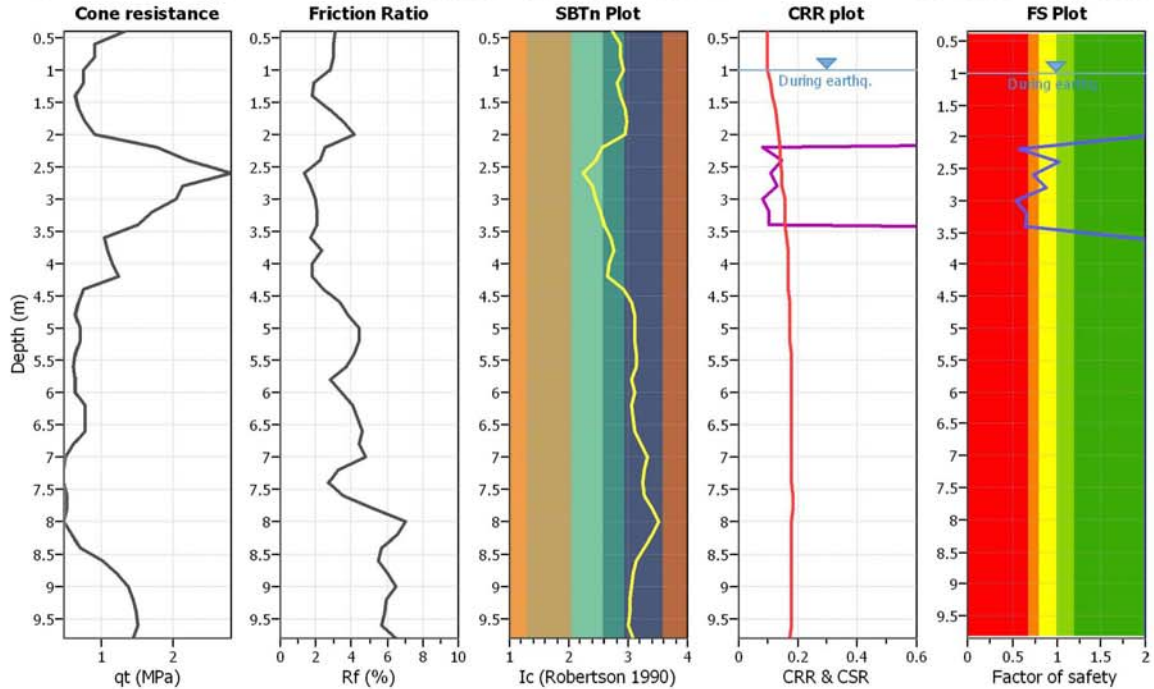
**Project title :**

**Location :**

**CPT file : 203010C053**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

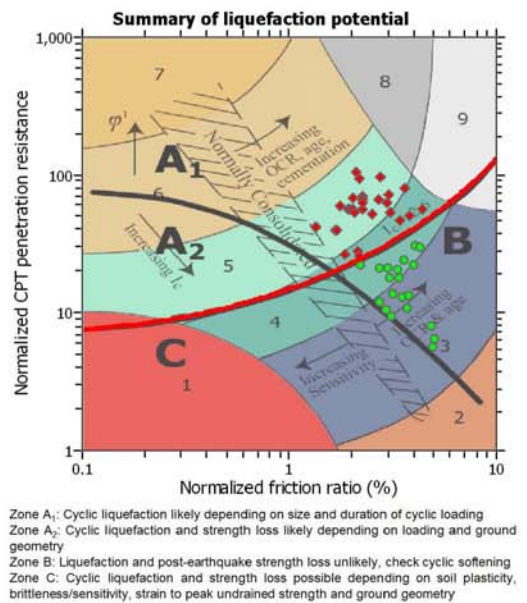
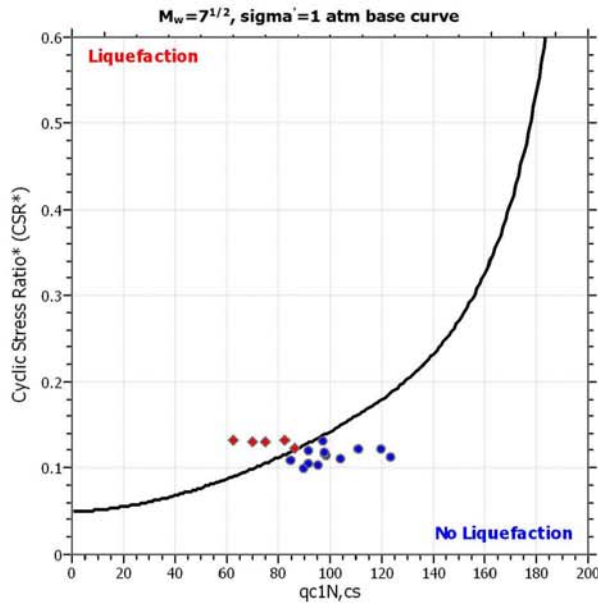
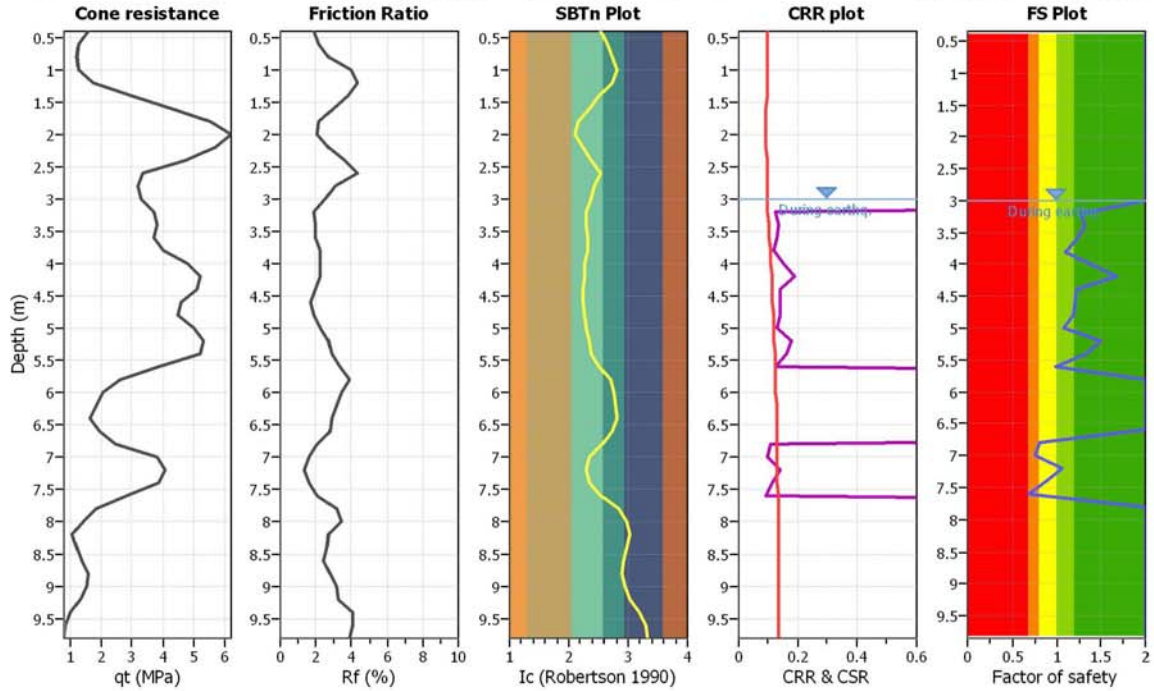
**Project title :**

**Location :**

**CPT file : 203010C054**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

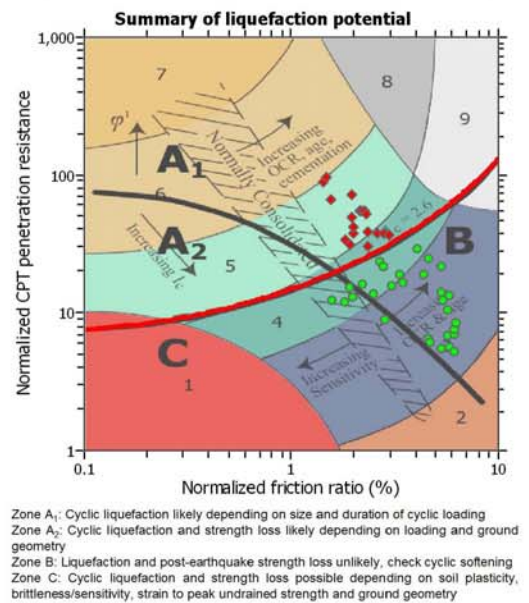
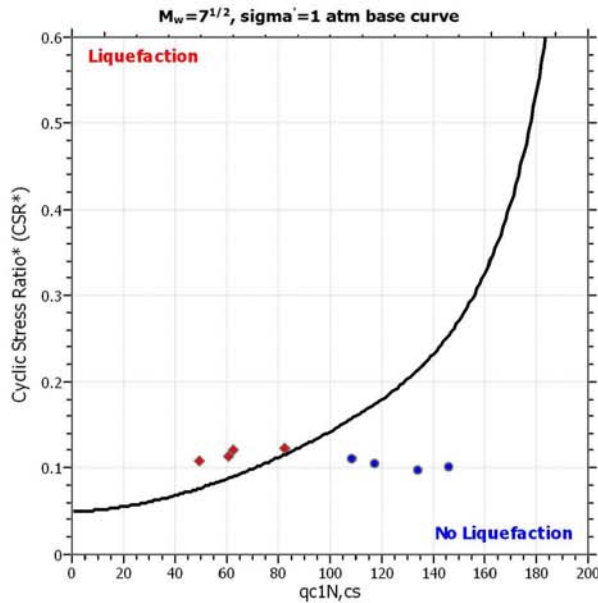
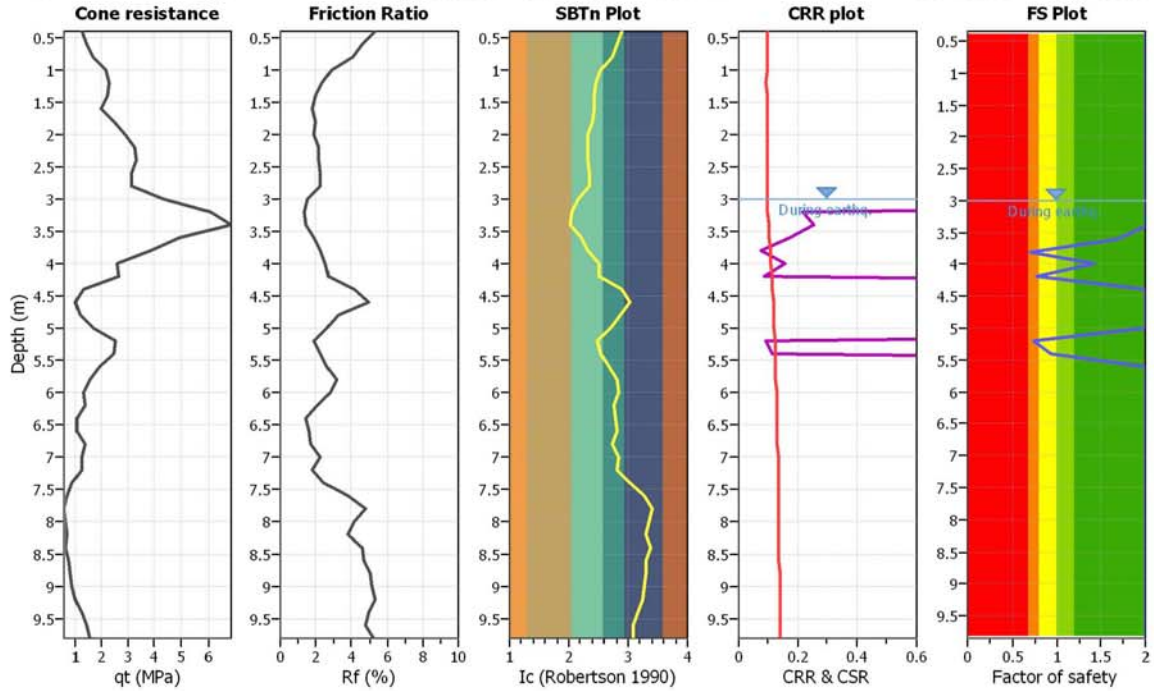
**Project title :**

**Location :**

**CPT file : 203010C055**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

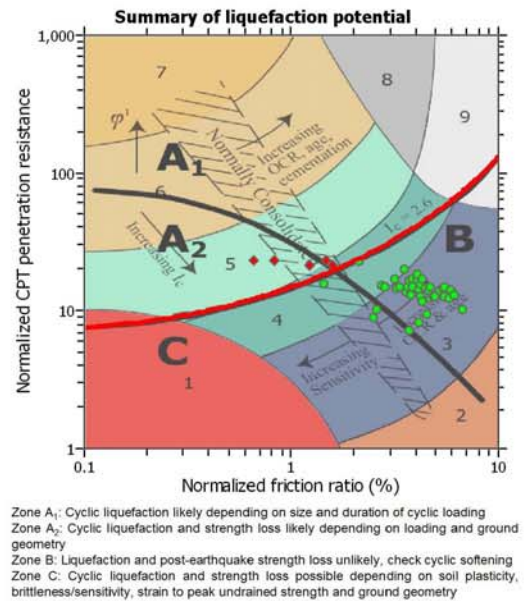
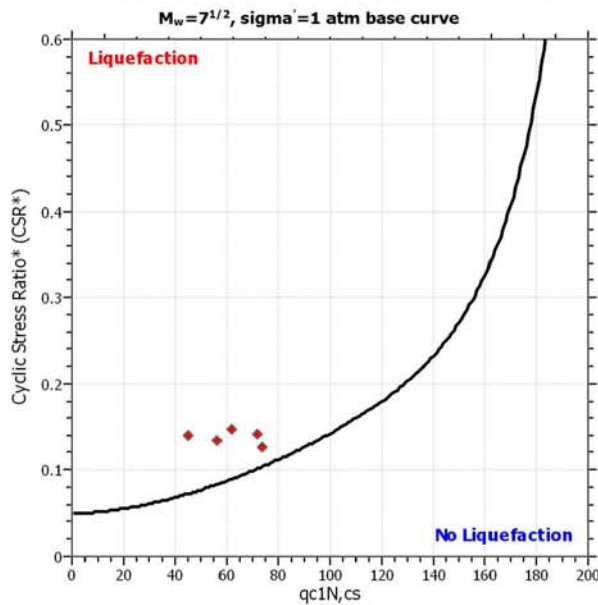
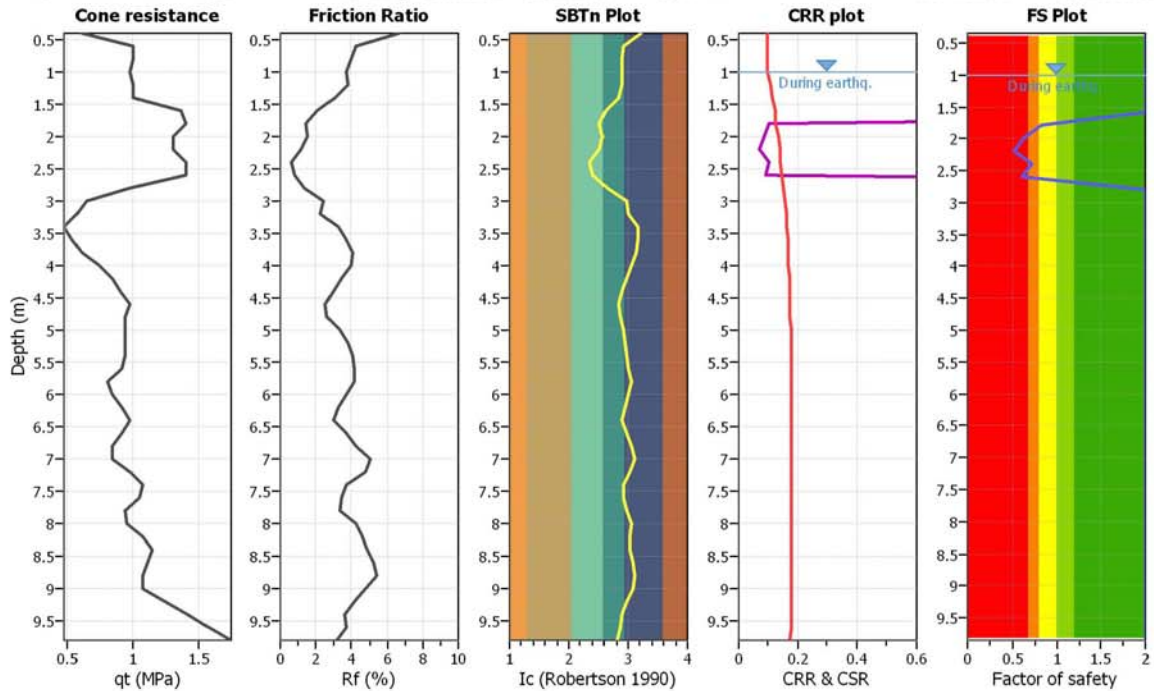
**Project title :**

**Location :**

**CPT file : 203010C056**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

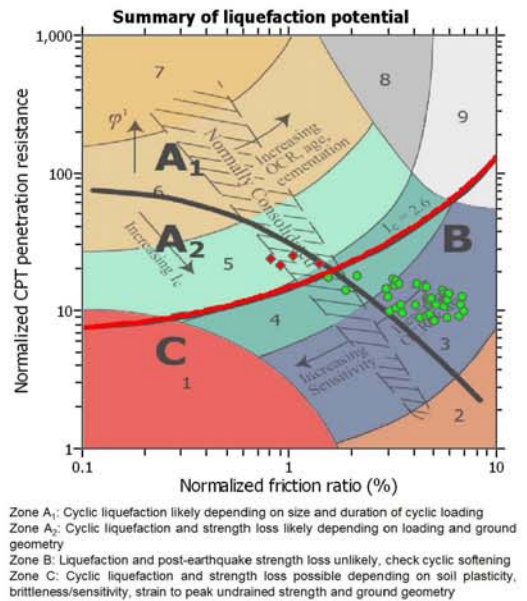
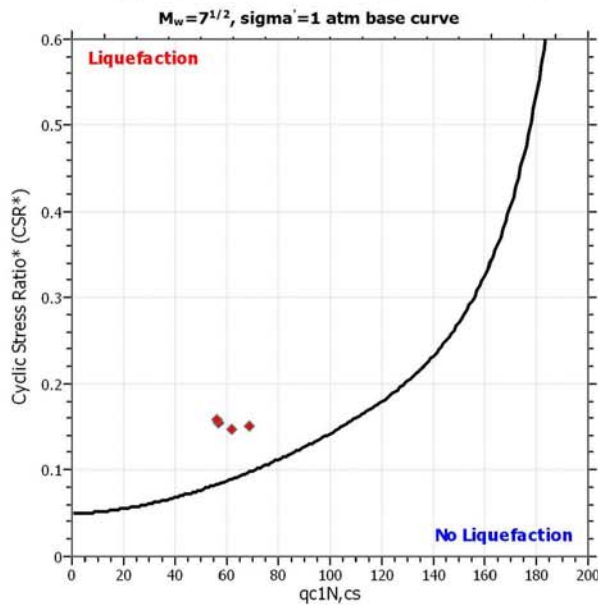
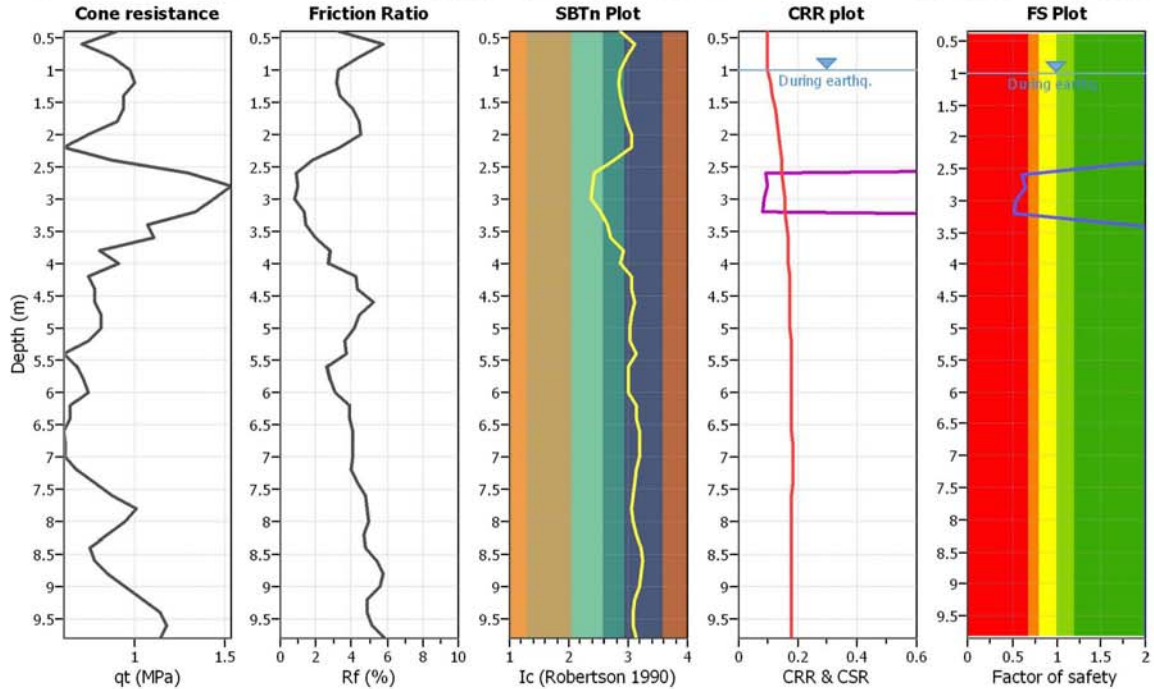
**Project title :**

**Location :**

**CPT file : 203010C057**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

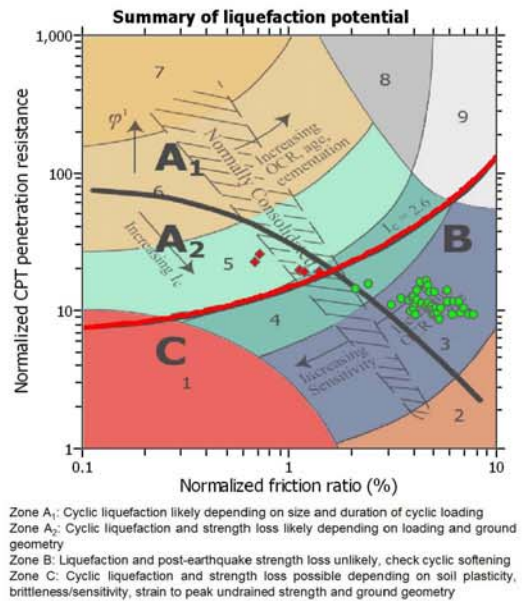
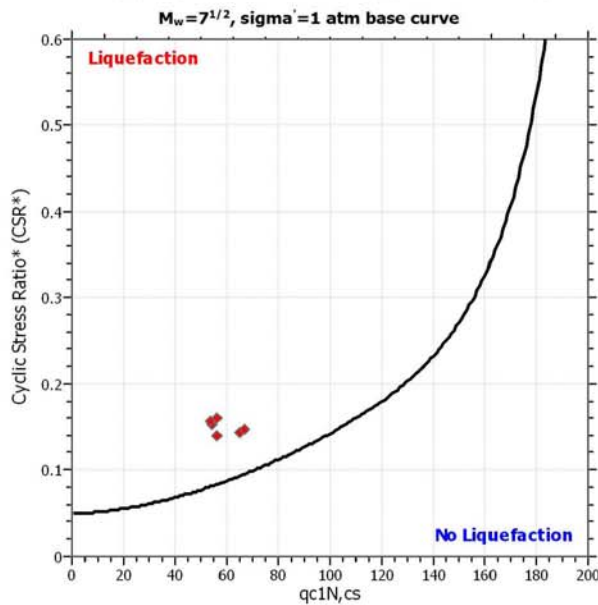
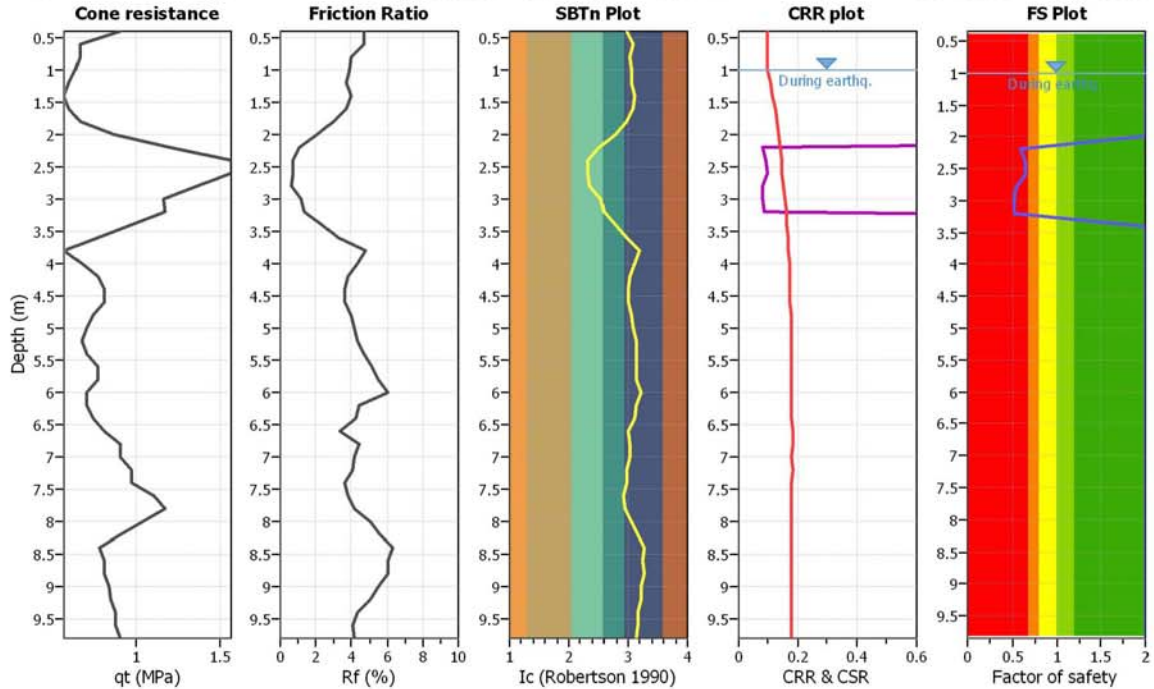
**Project title :**

**Location :**

**CPT file : 203010C058**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

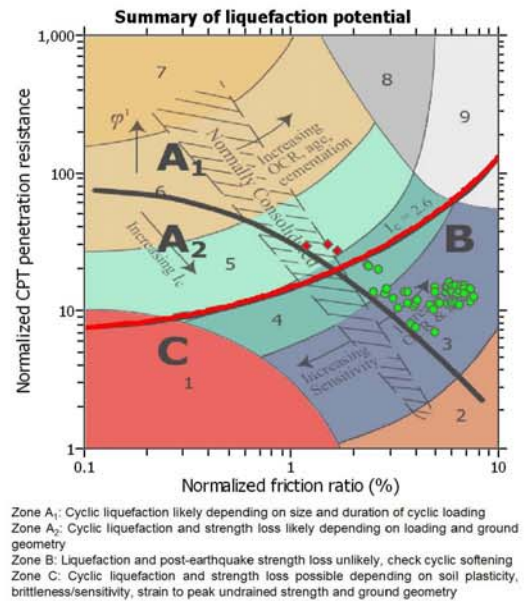
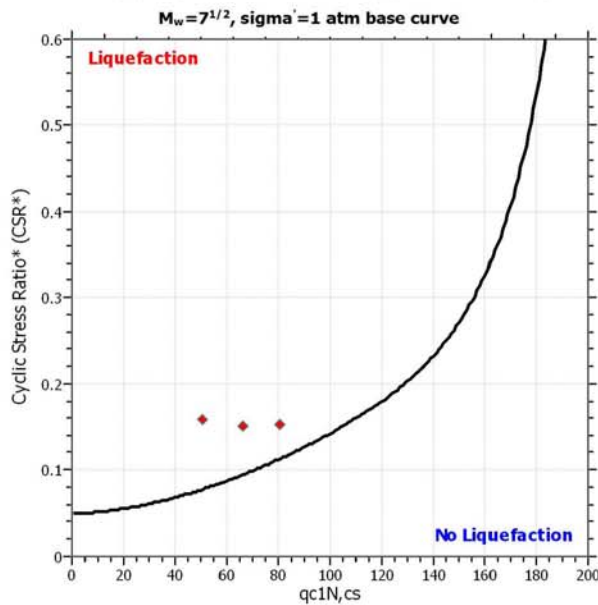
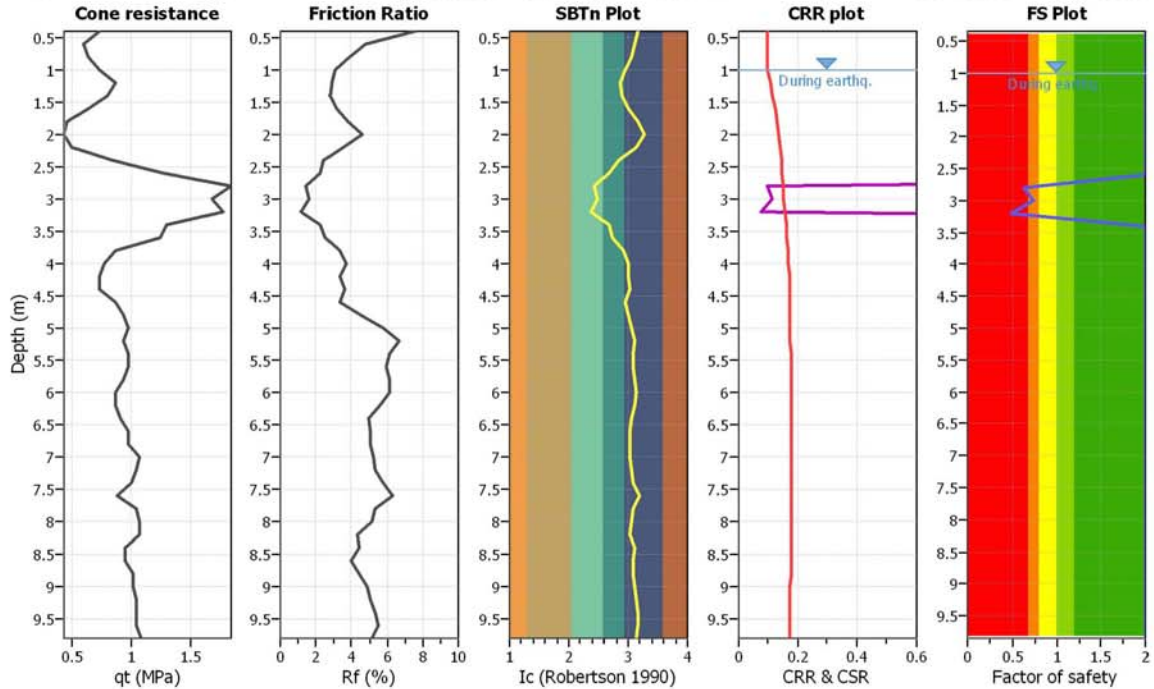
**Project title :**

**Location :**

**CPT file : 203010C059**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

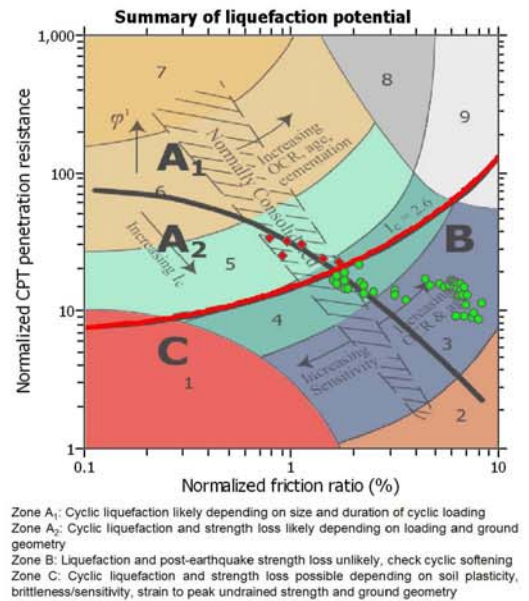
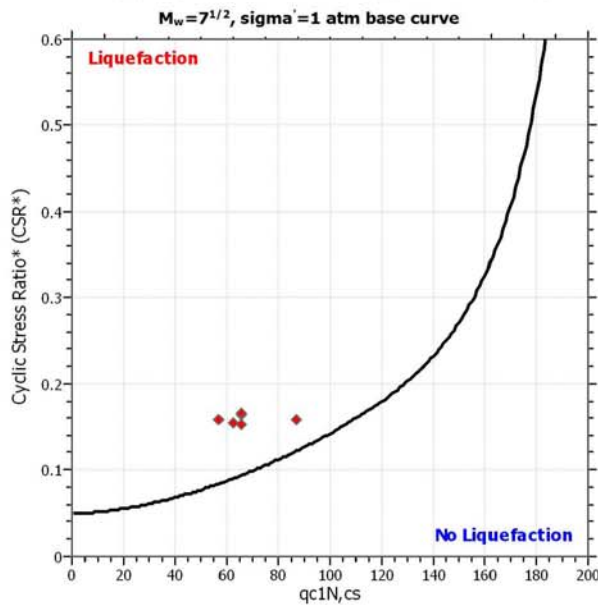
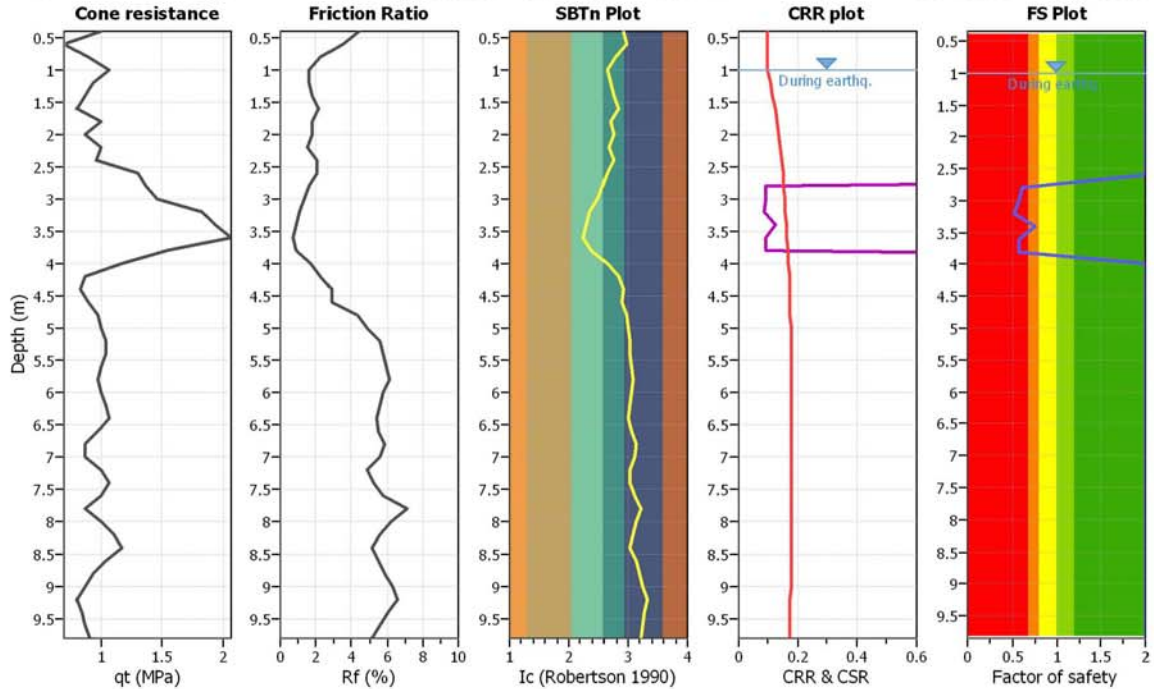
**Project title :**

**Location :**

**CPT file : 203010C060**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

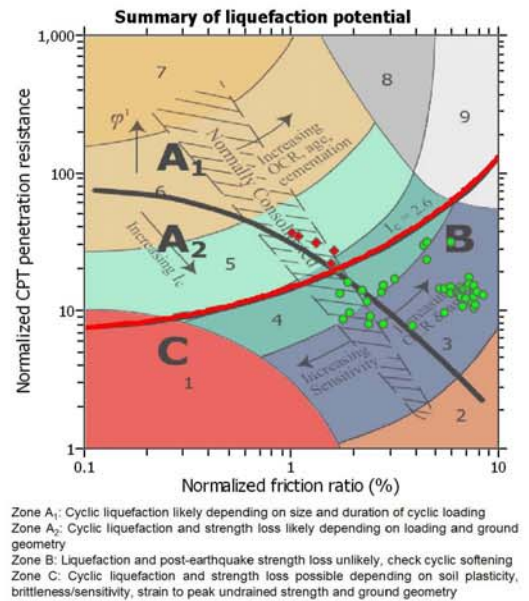
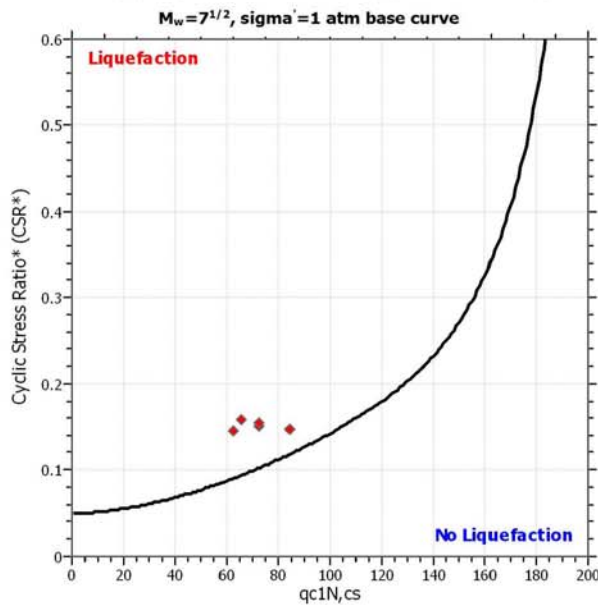
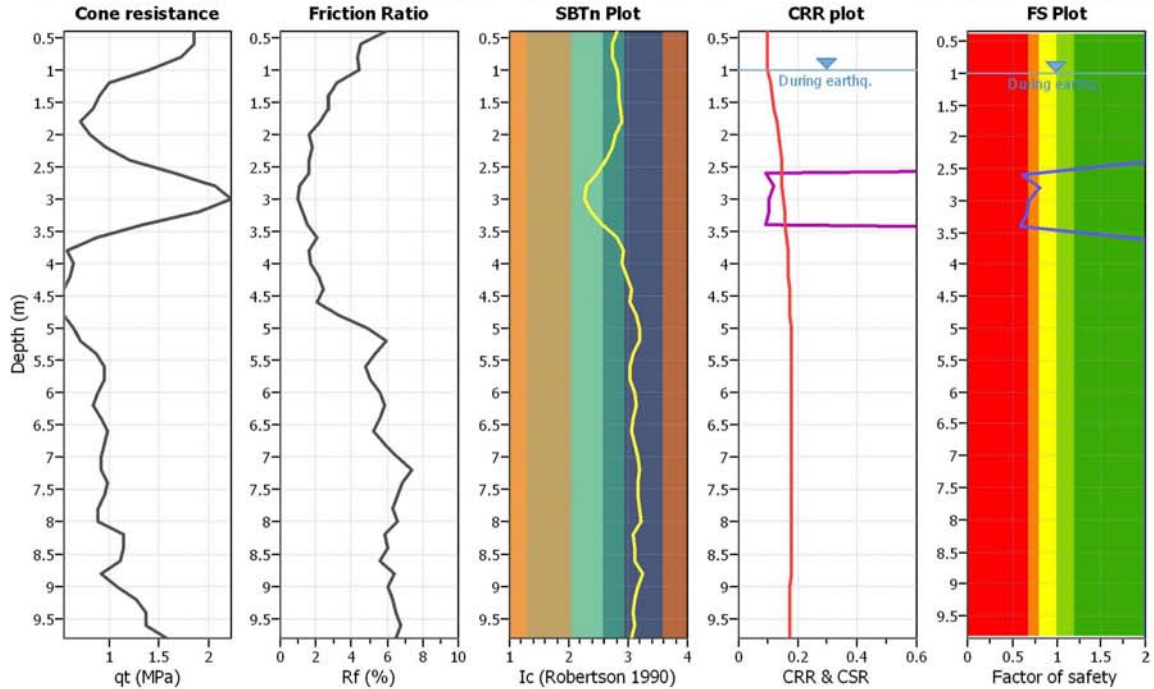
**Project title :**

**Location :**

**CPT file : 203010C061**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

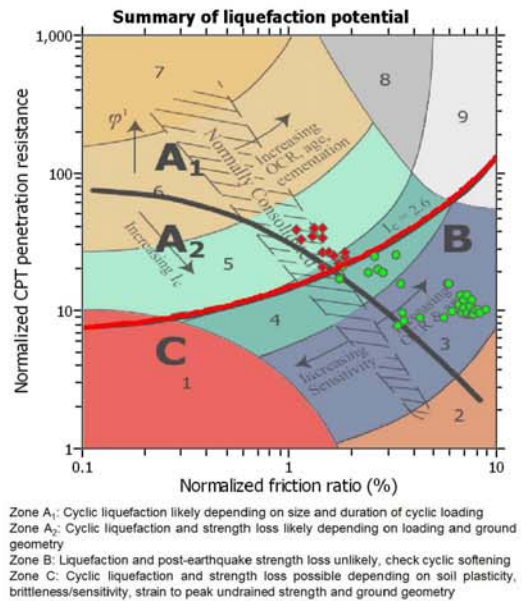
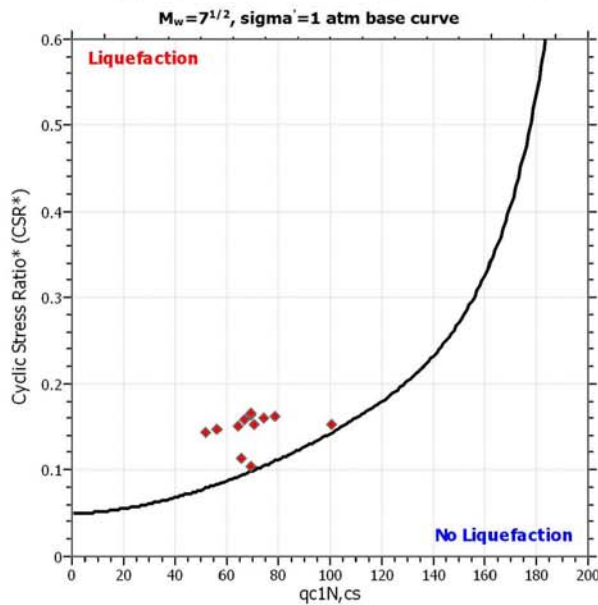
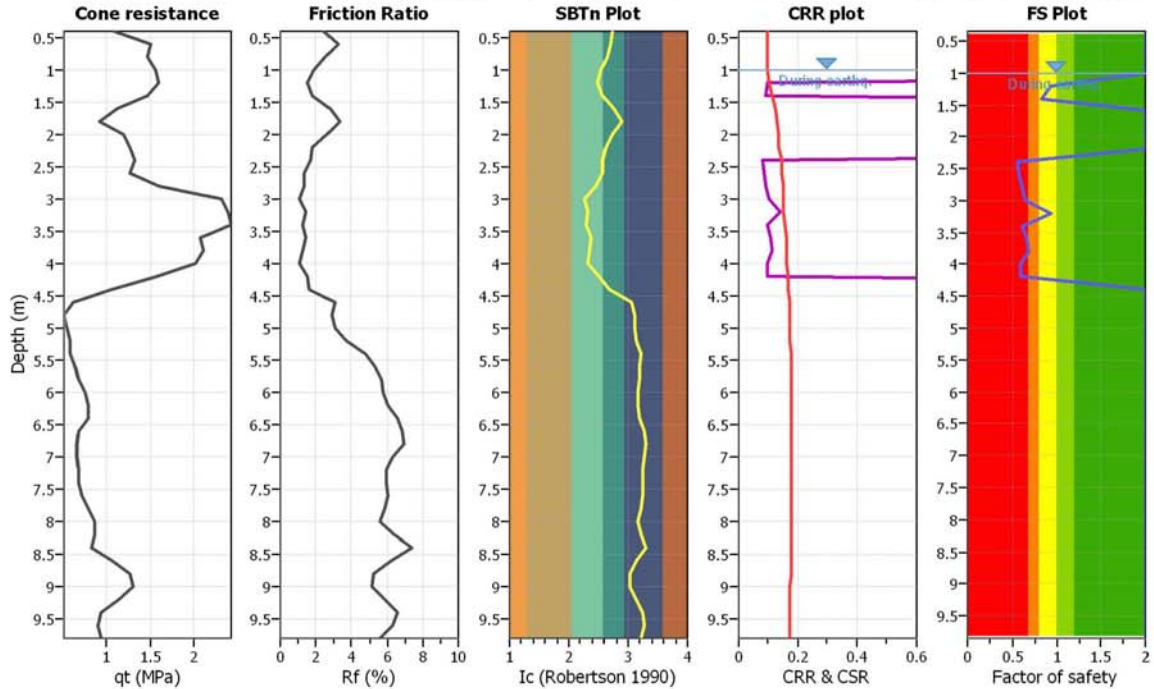
**Project title :**

**Location :**

**CPT file : 203010C062**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

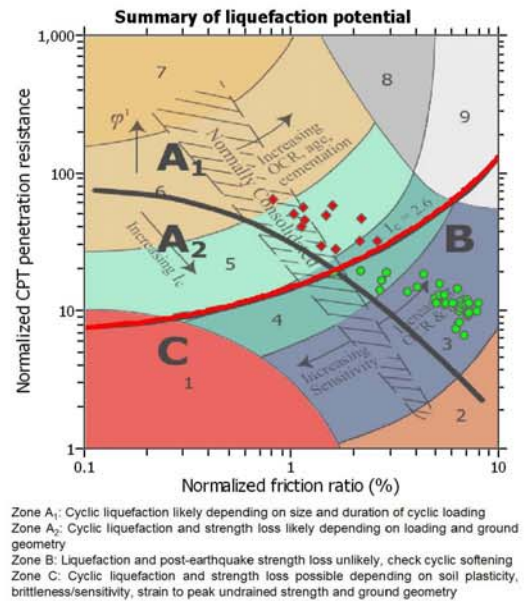
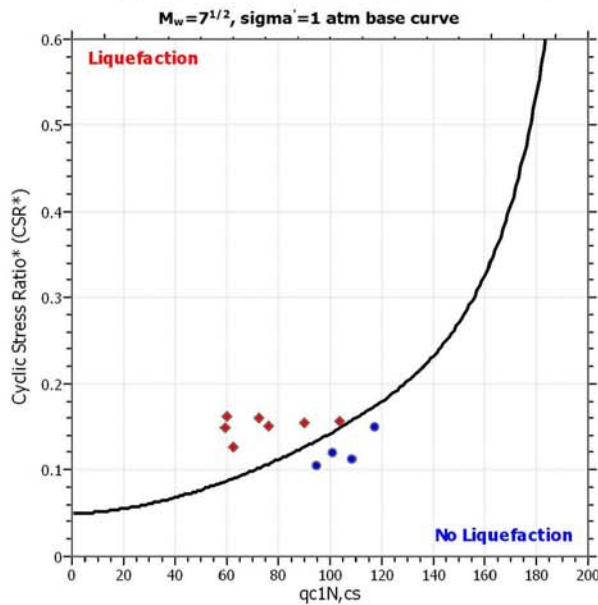
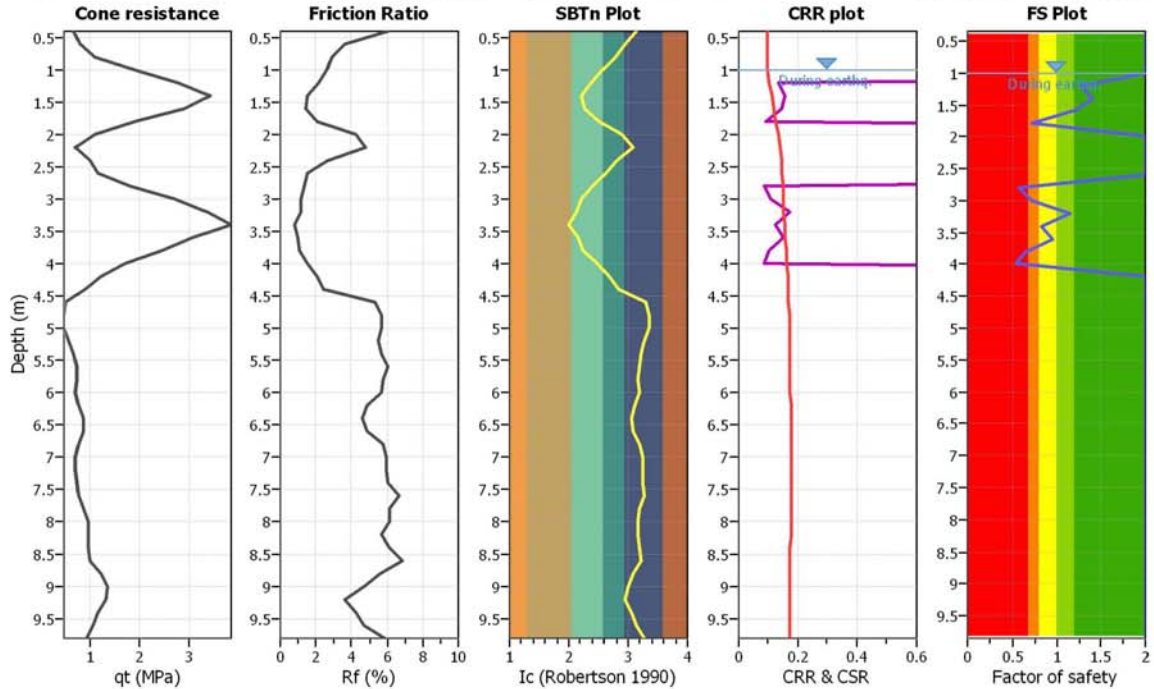
**Project title :**

**Location :**

**CPT file : 203010C063**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

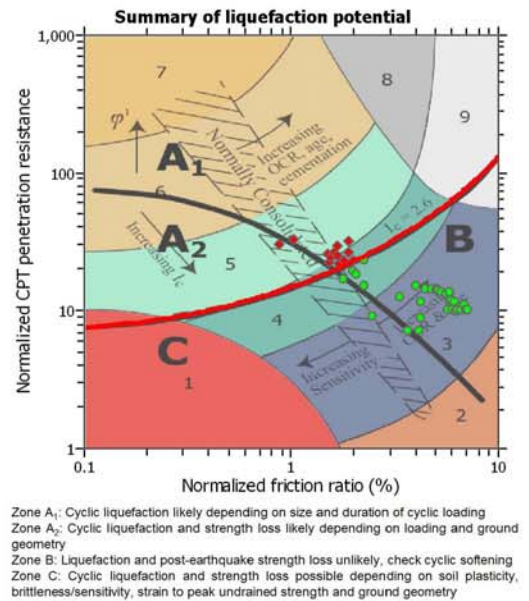
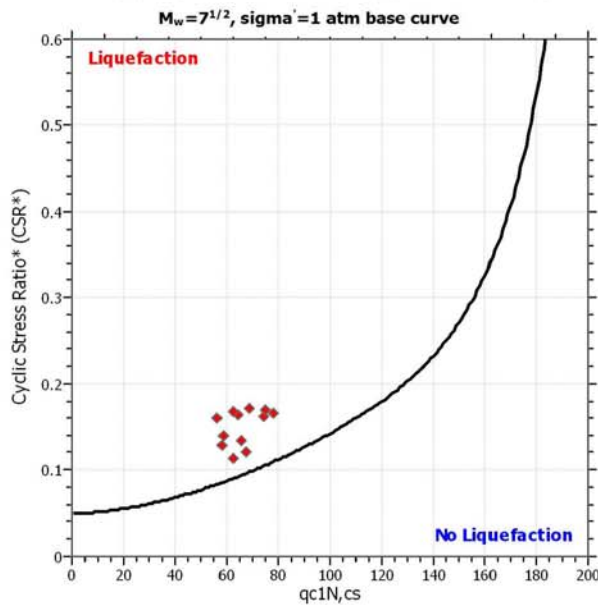
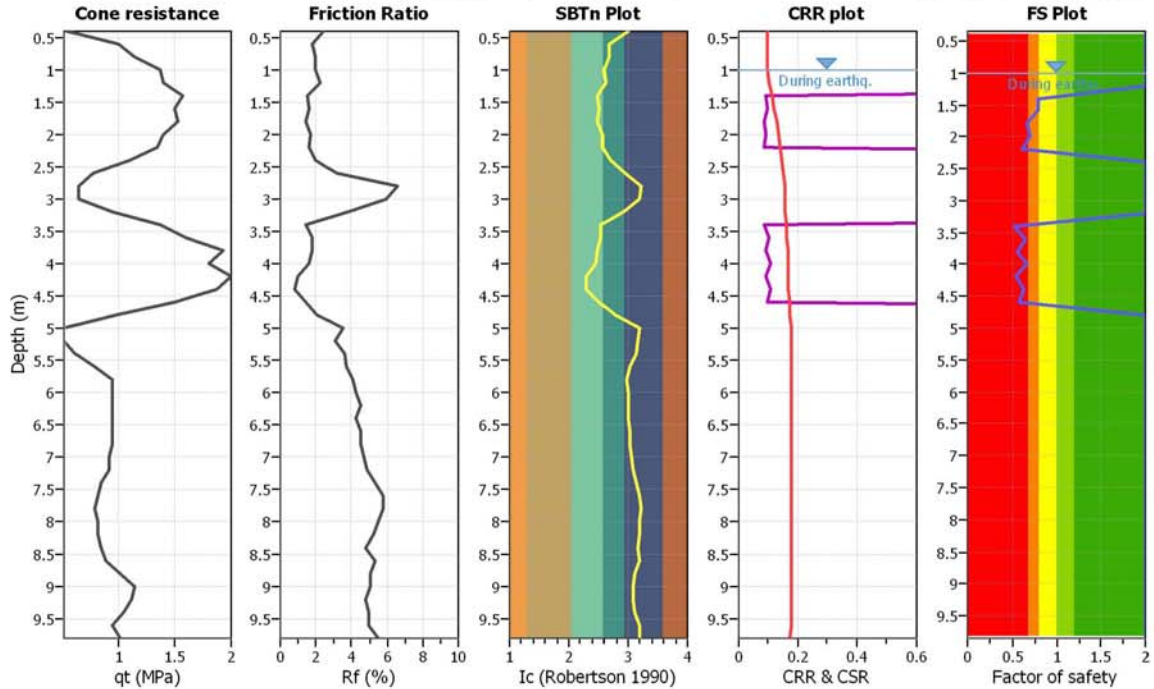
**Project title :**

**Location :**

**CPT file : 203010C064**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

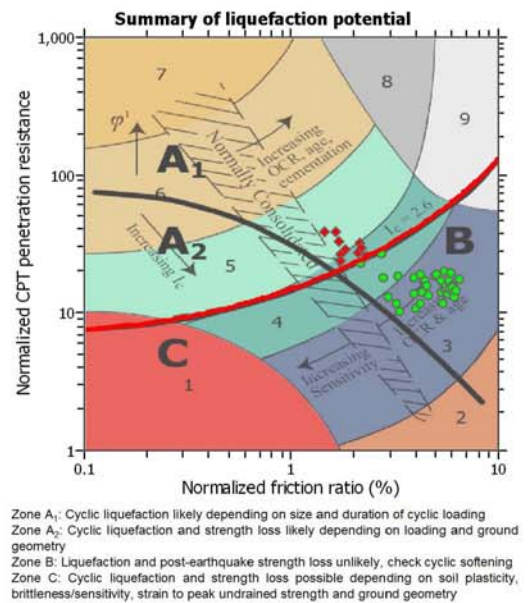
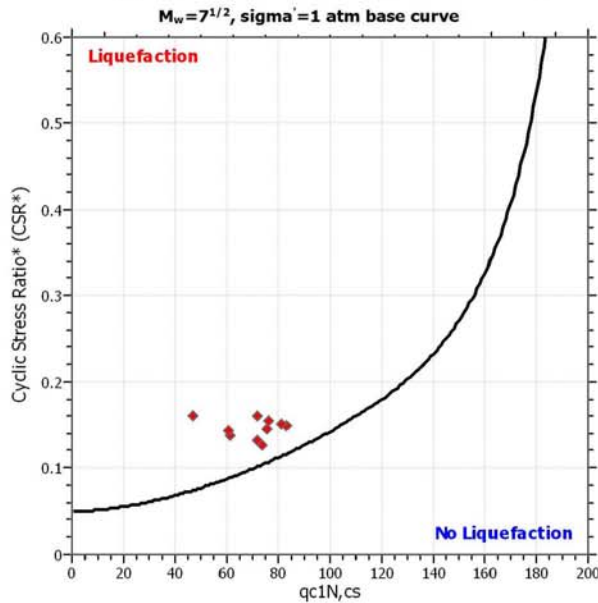
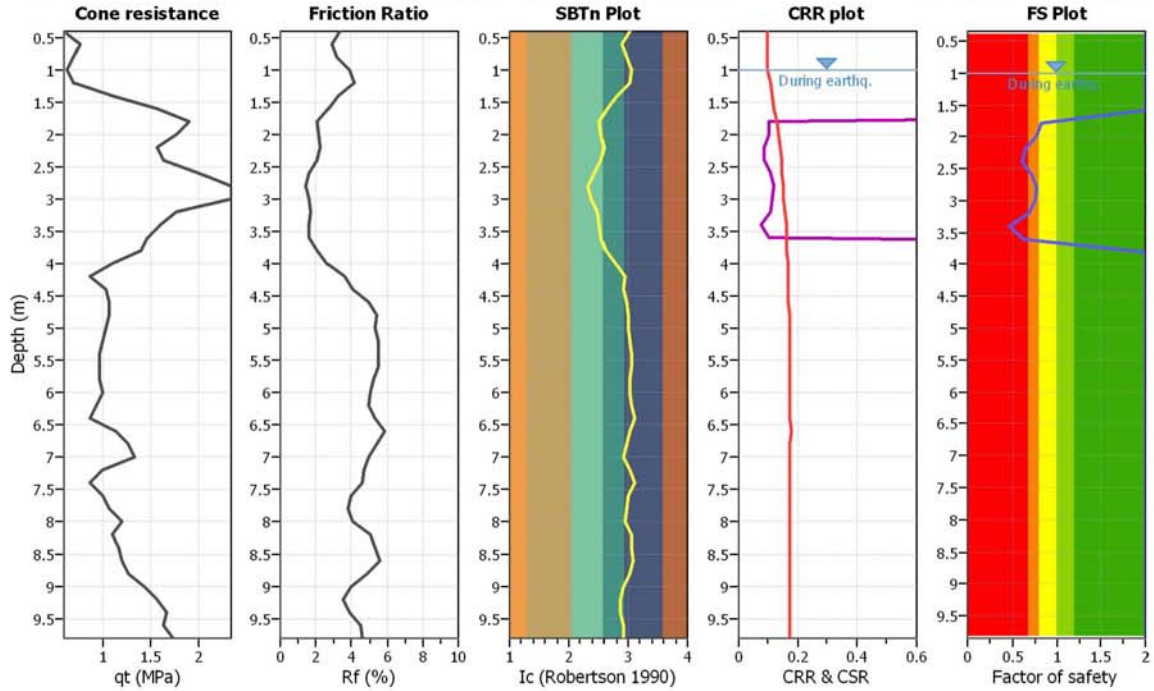
**Project title :**

**Location :**

**CPT file : 203010C065**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

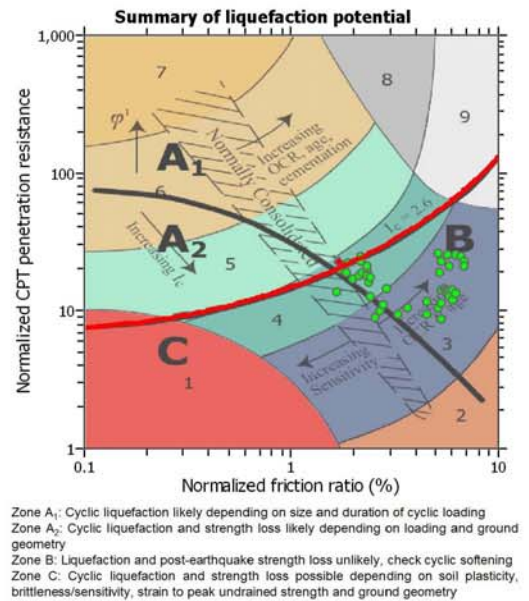
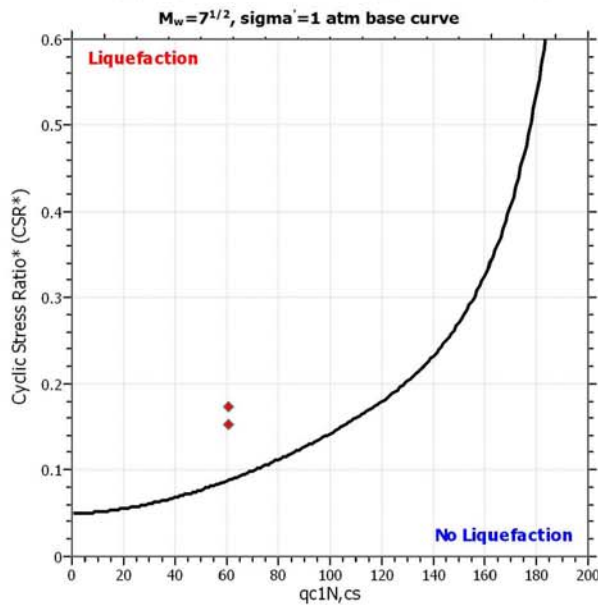
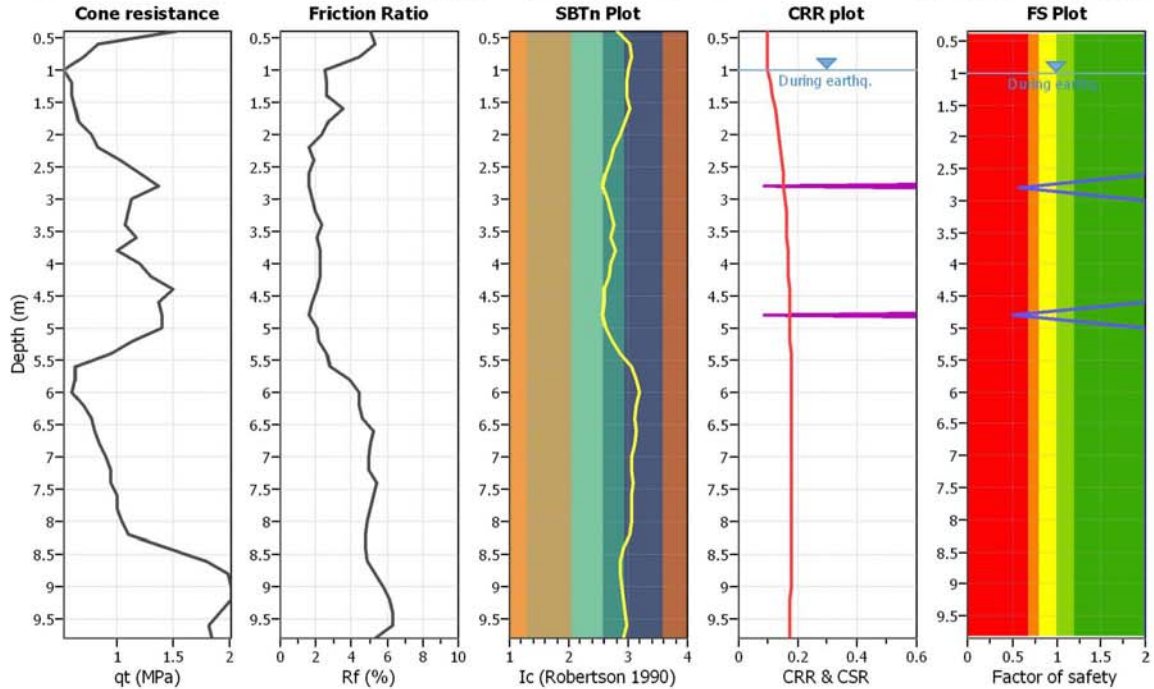
**Project title :**

**Location :**

**CPT file : 203010C066**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

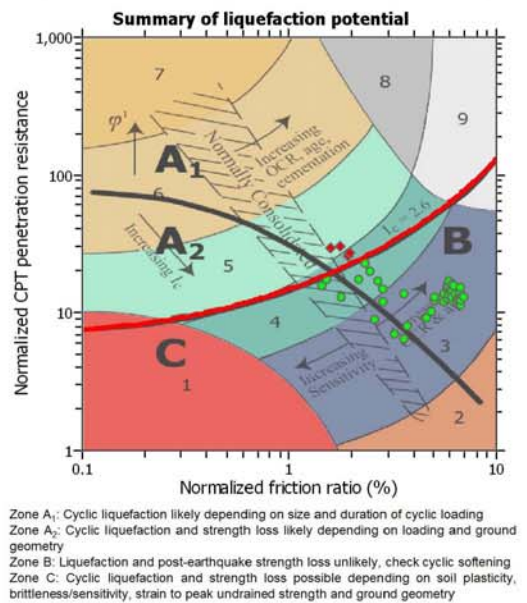
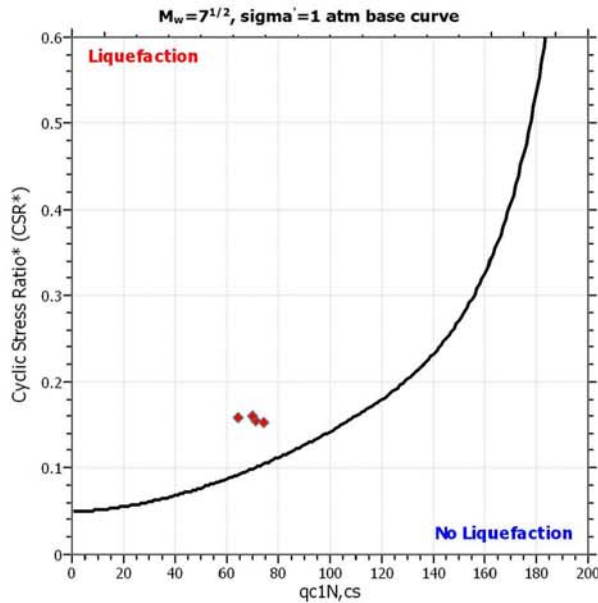
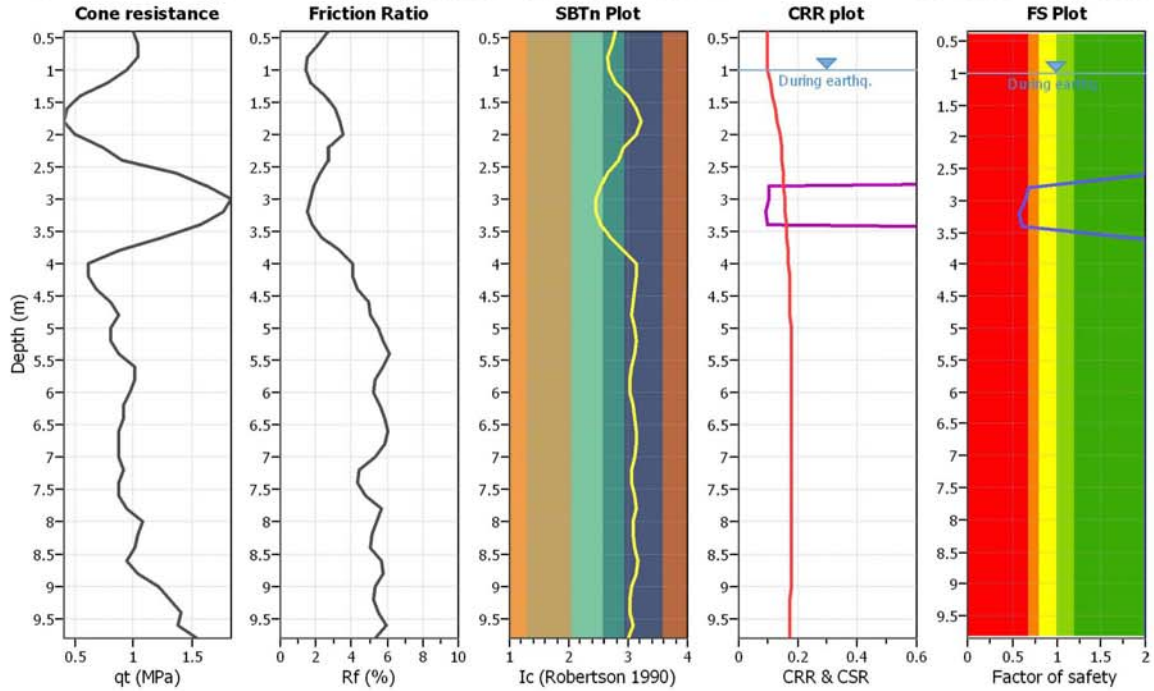
**Project title :**

**Location :**

**CPT file : 203010C067**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

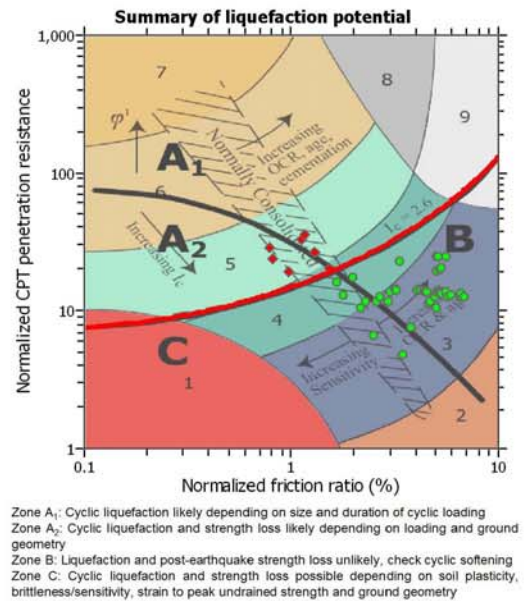
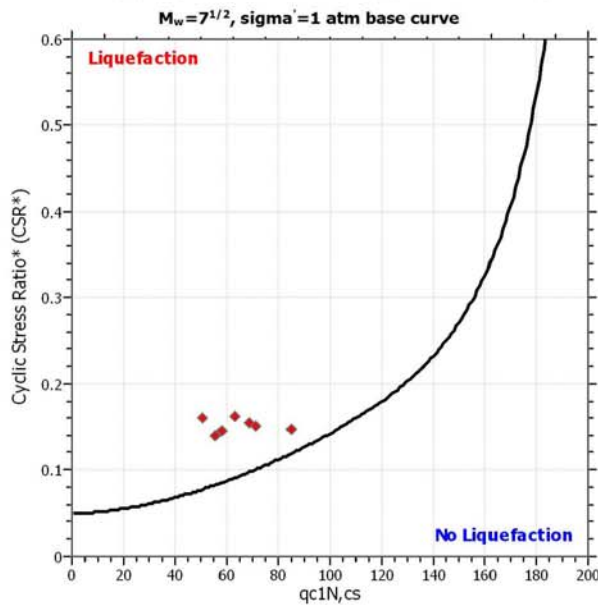
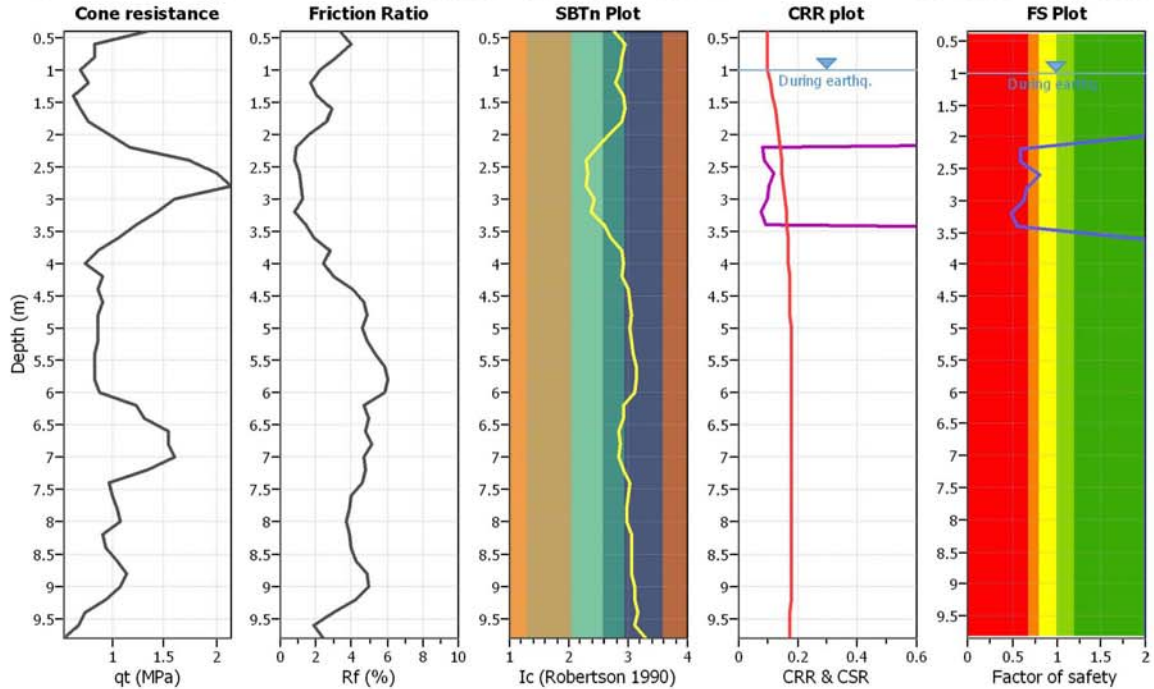
**Project title :**

**Location :**

**CPT file : 203010C068**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

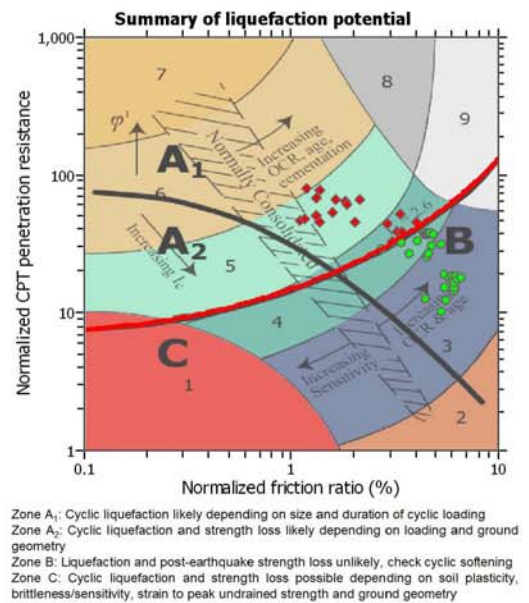
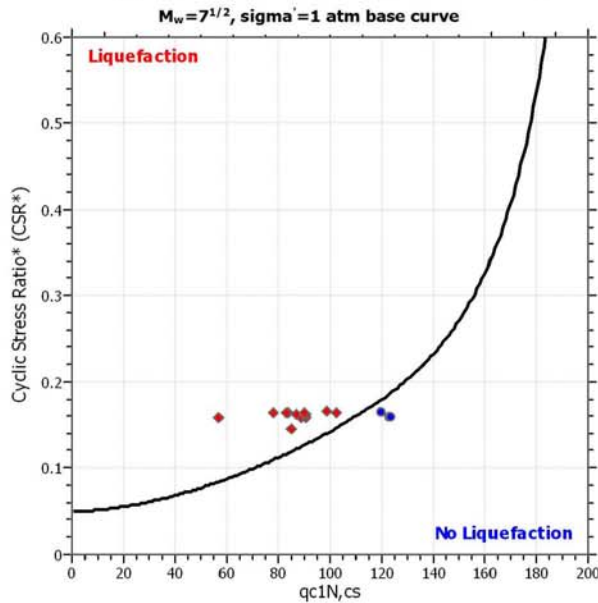
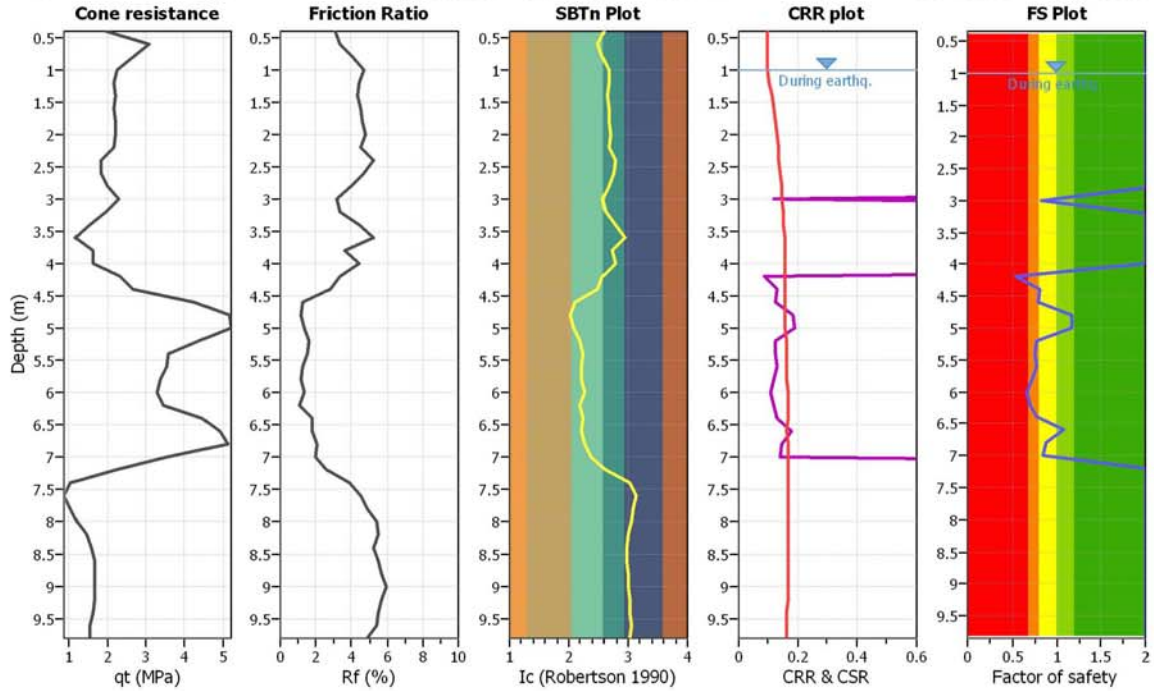
**Project title :**

**Location :**

**CPT file : 203010C069**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

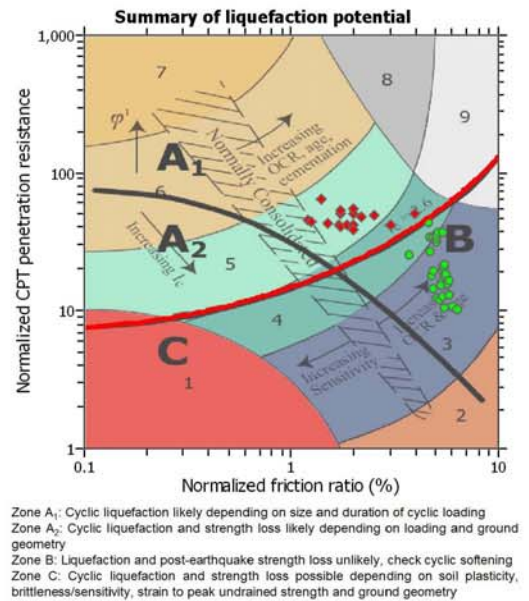
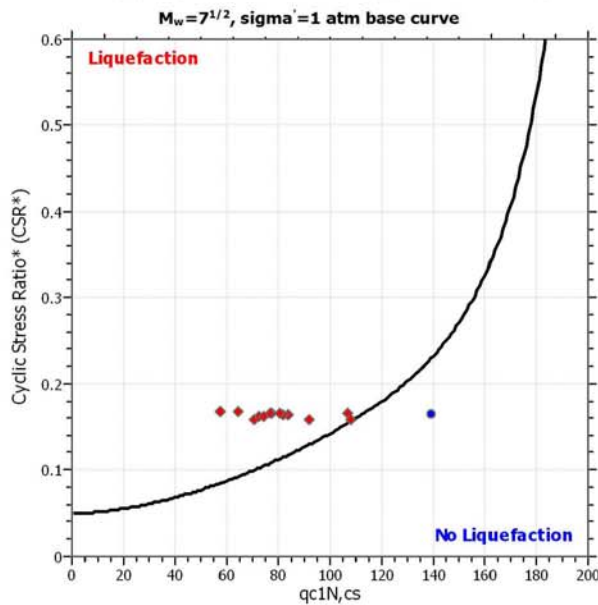
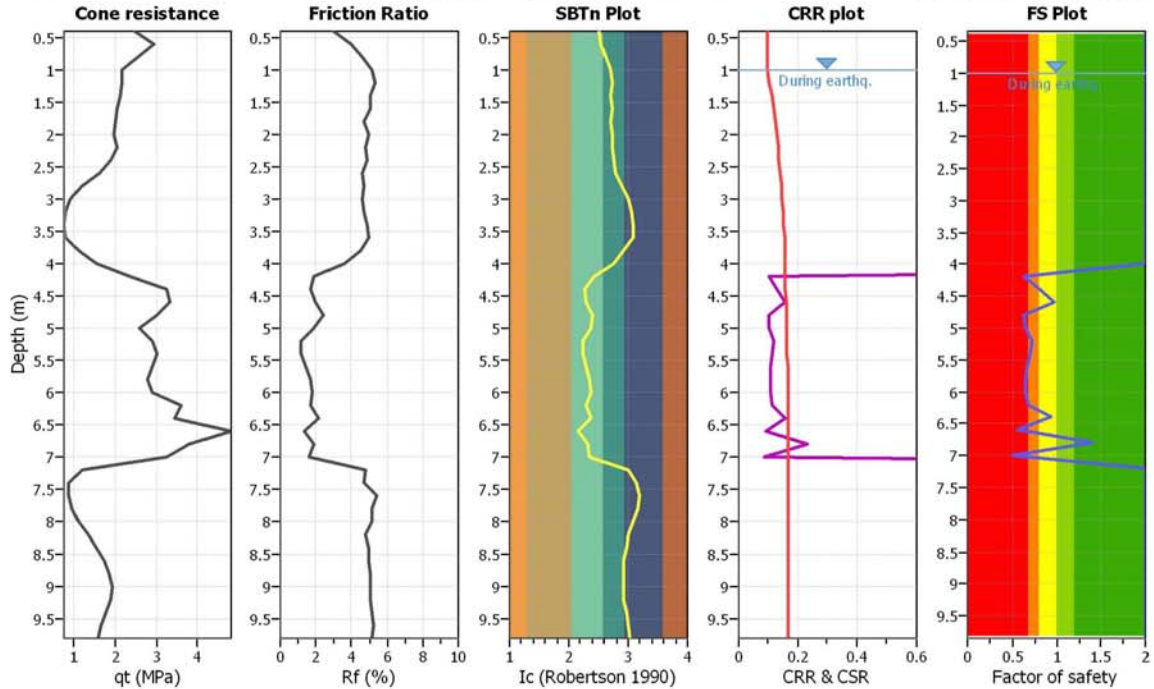
**Project title :**

**Location :**

**CPT file : 203010C070**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

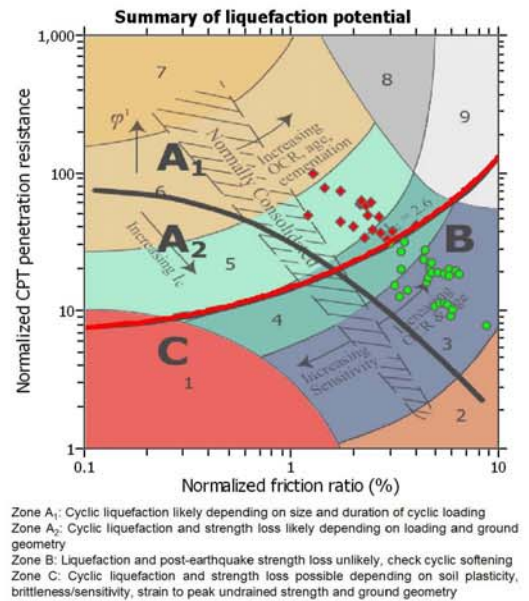
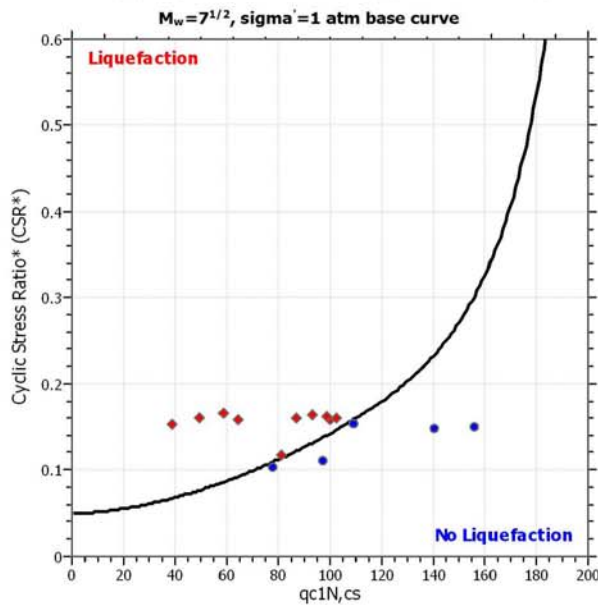
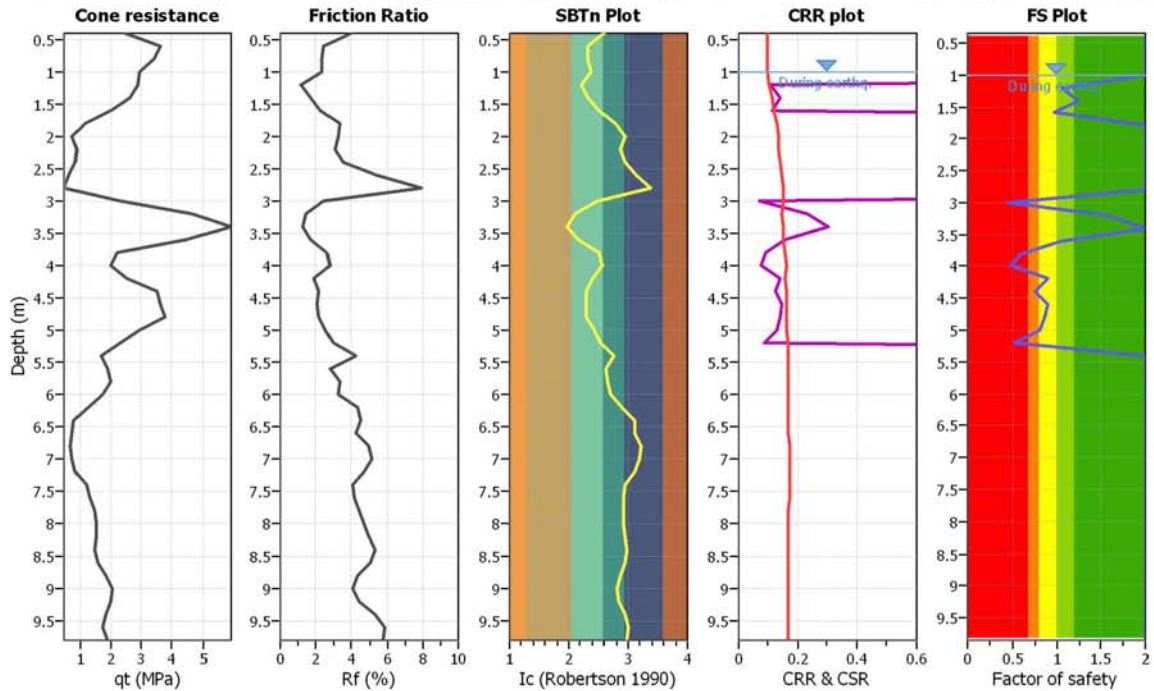
**Project title :**

**Location :**

**CPT file : 203010C071**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

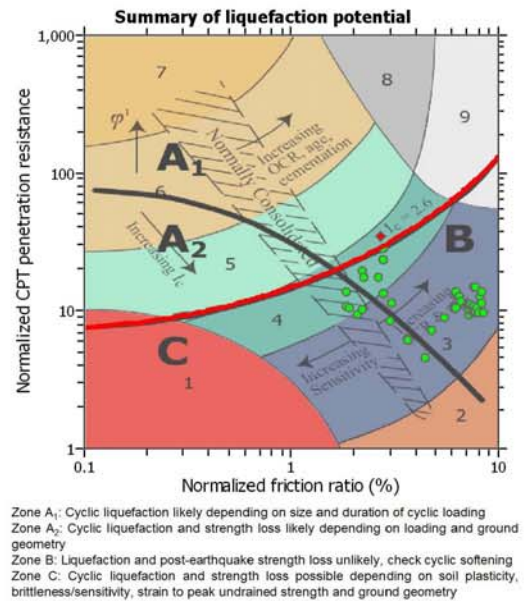
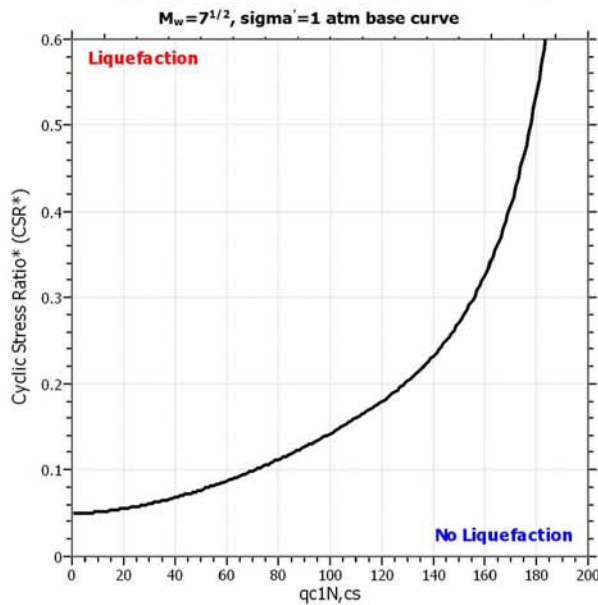
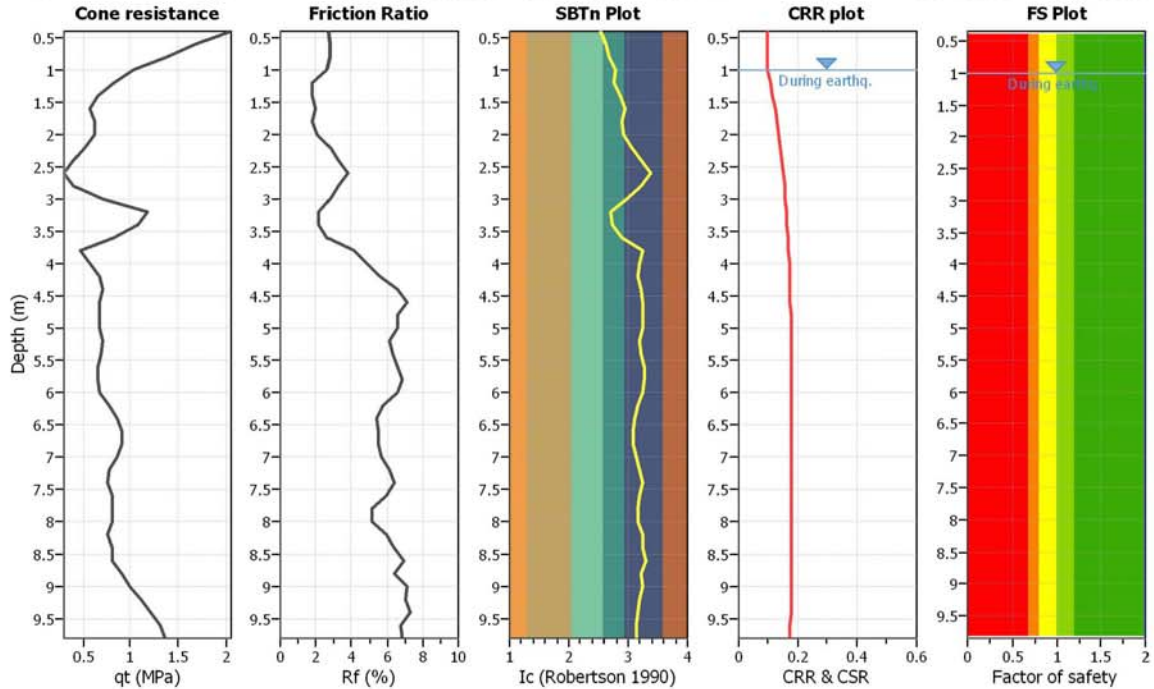
**Project title :**

**Location :**

**CPT file : 203010C072**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

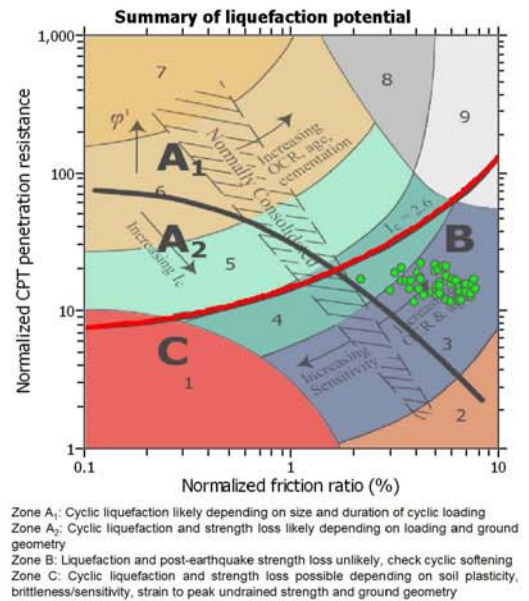
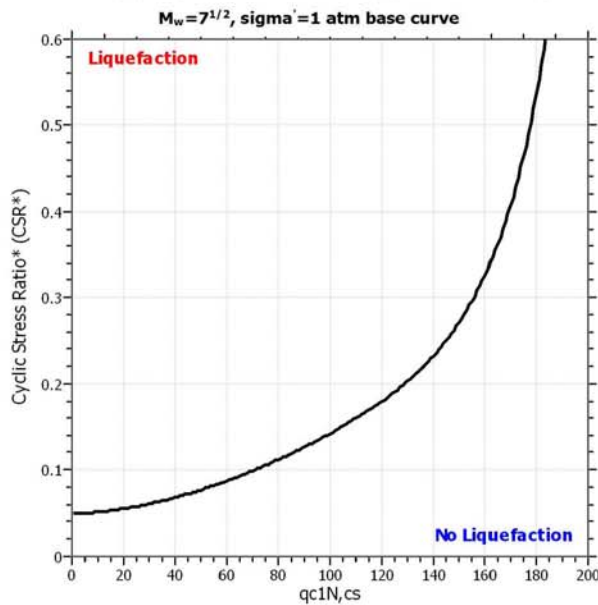
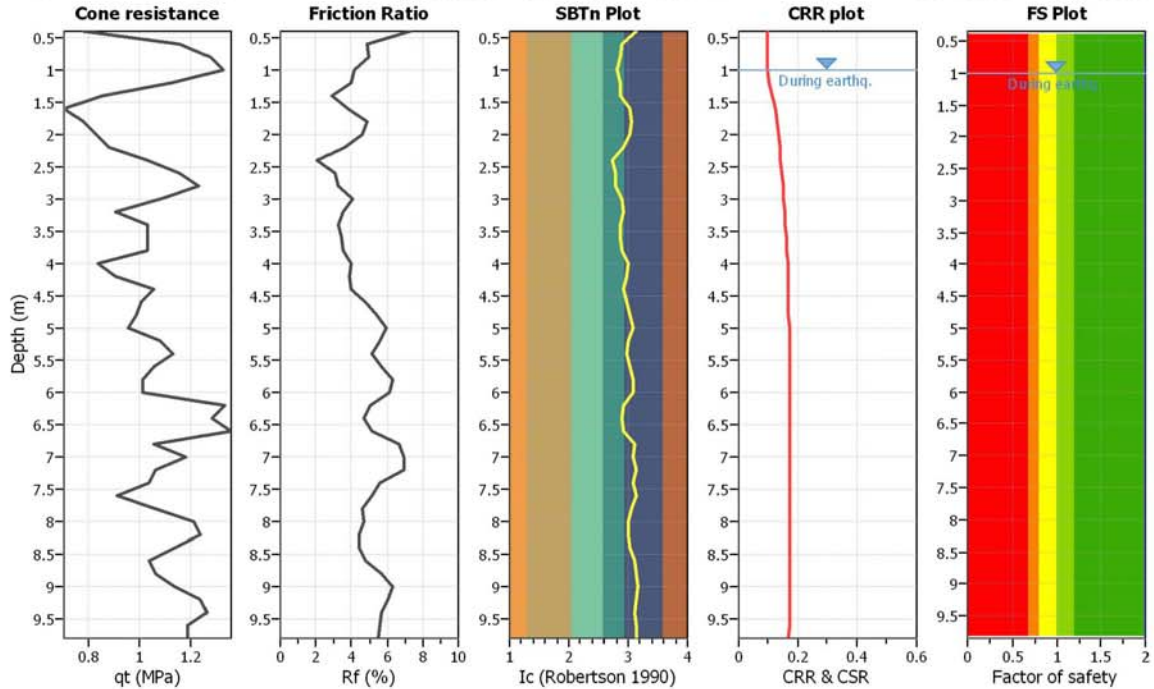
**Project title :**

**Location :**

**CPT file : 203010C073**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

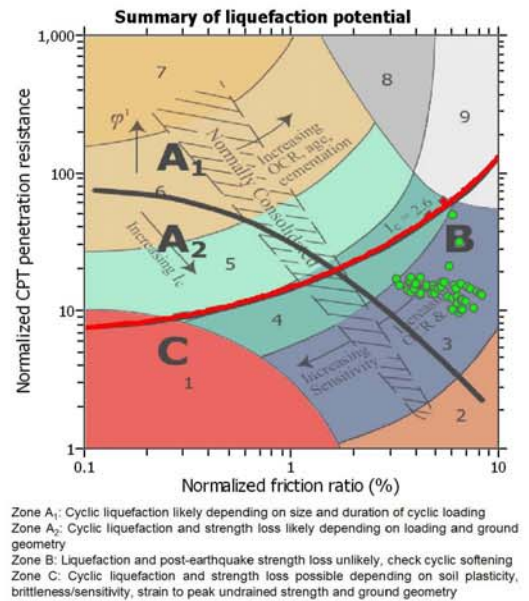
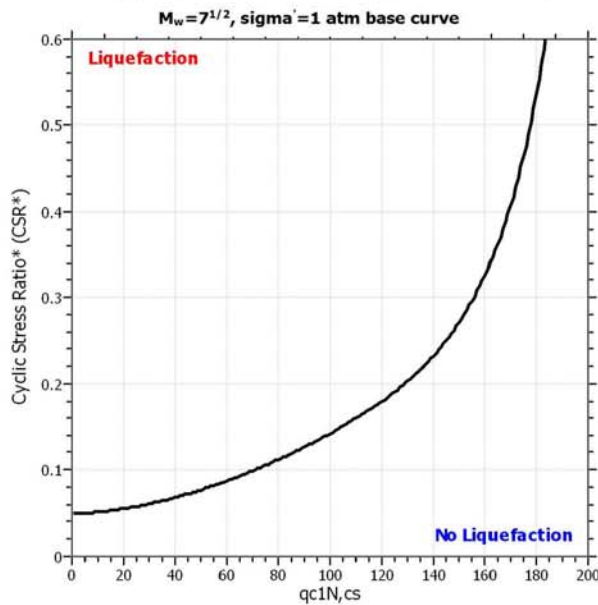
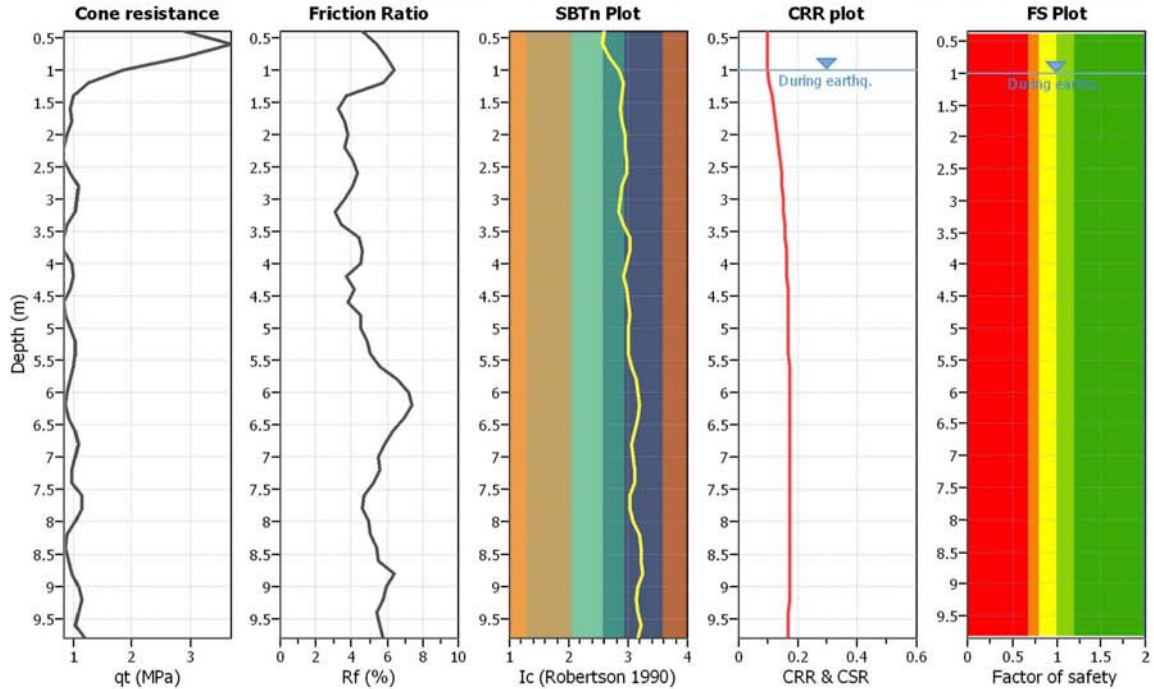
**Project title :**

**Location :**

**CPT file : 203010C074**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

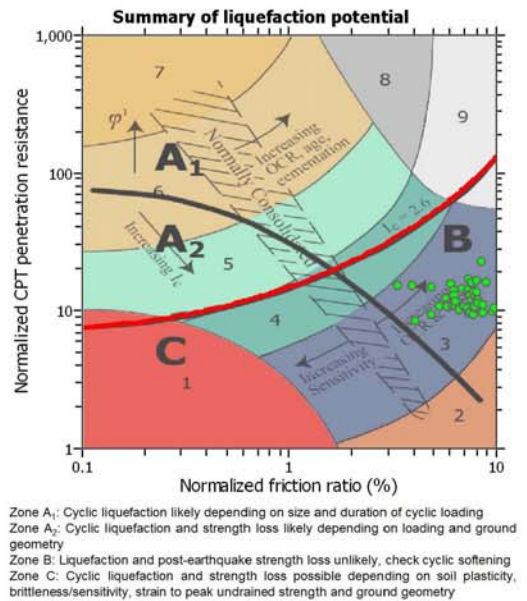
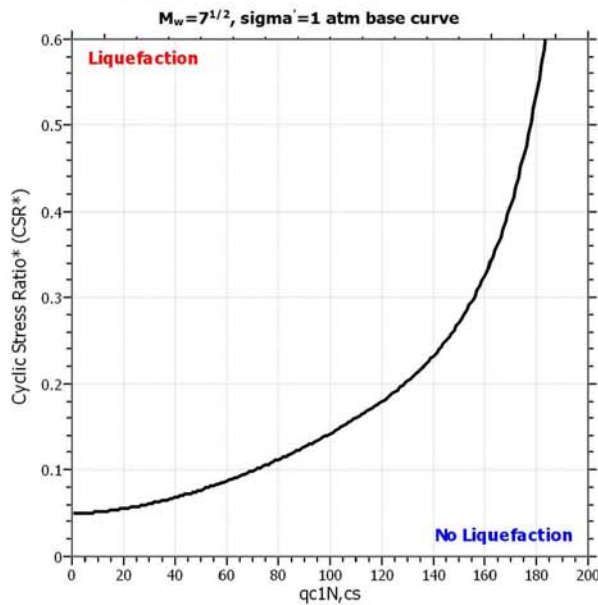
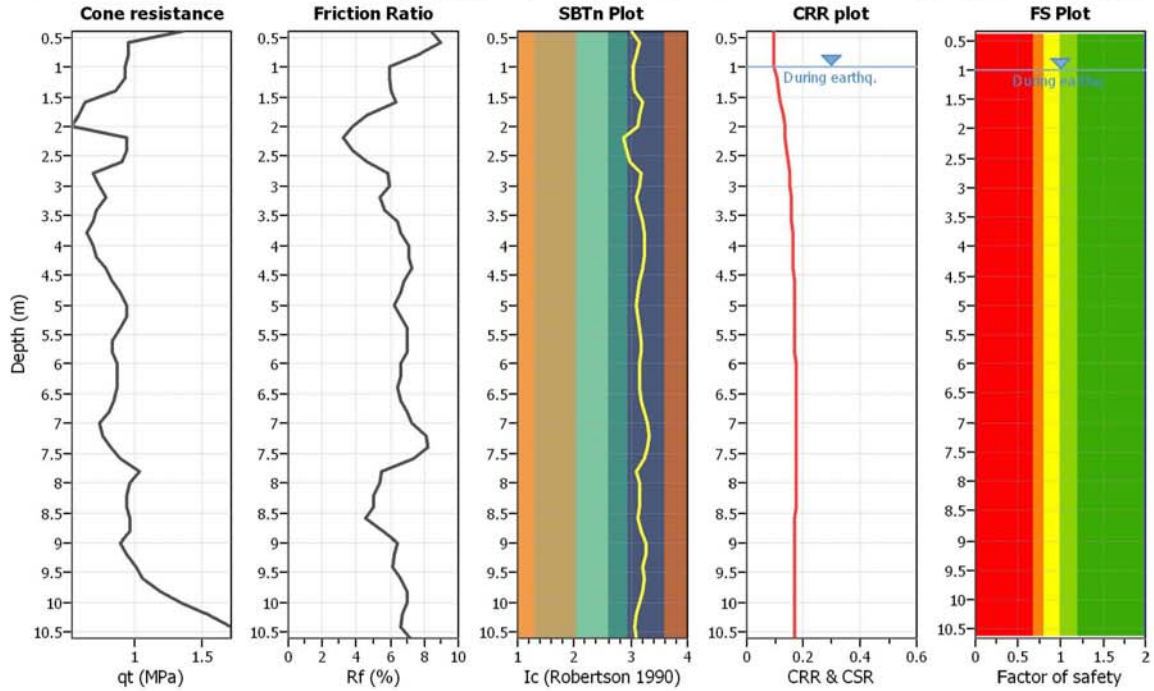
**Project title :**

**Location :**

**CPT file : 203010C075**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

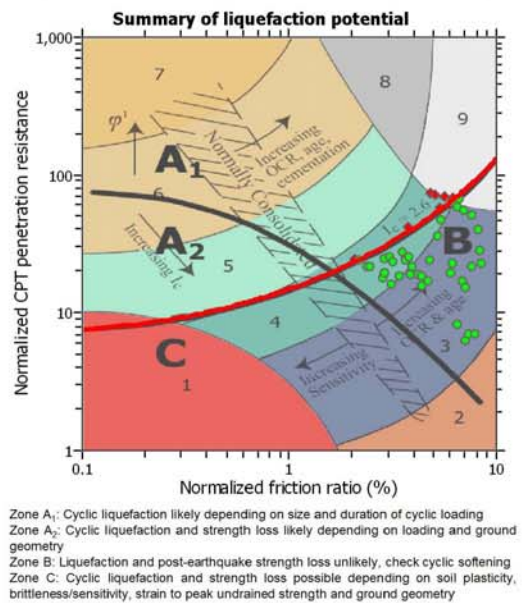
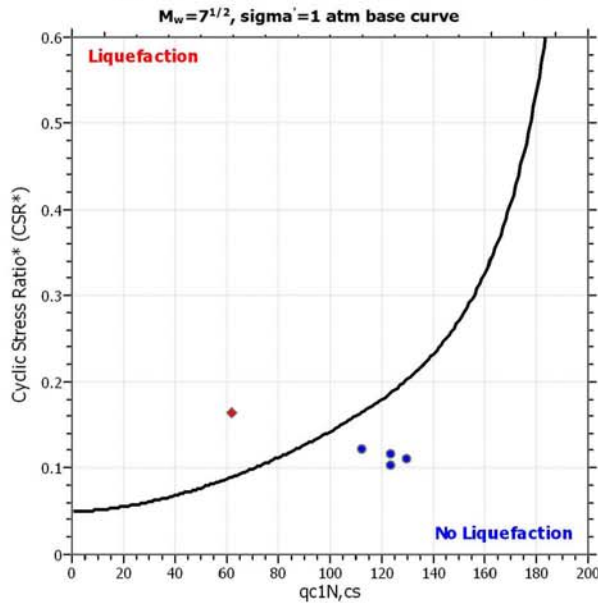
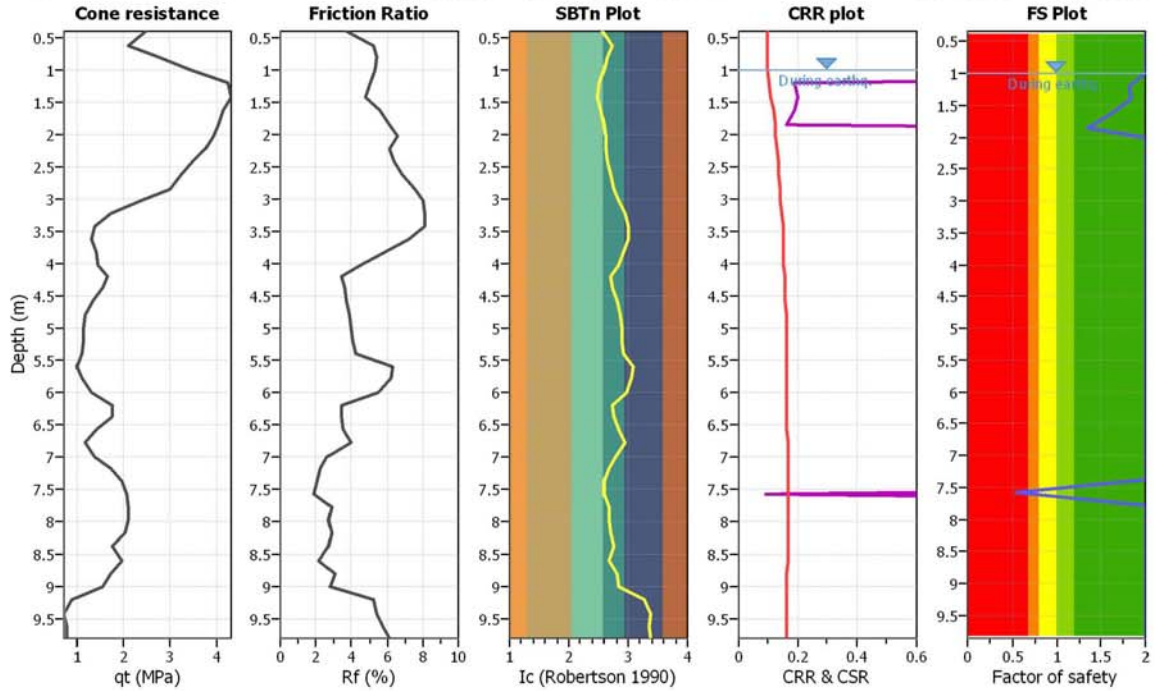
**Project title :**

**Location :**

**CPT file : 203010C076**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

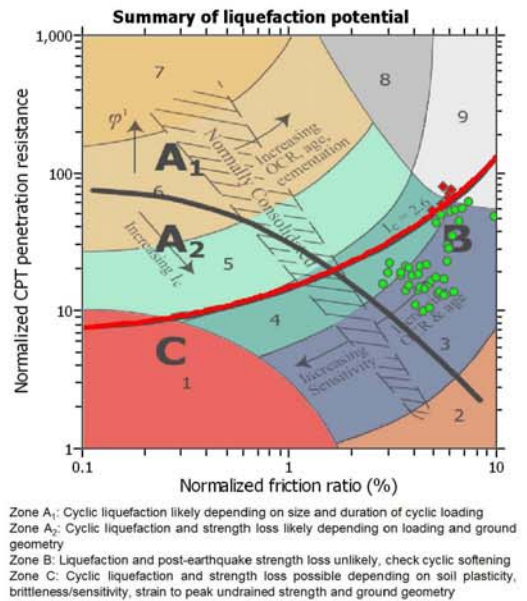
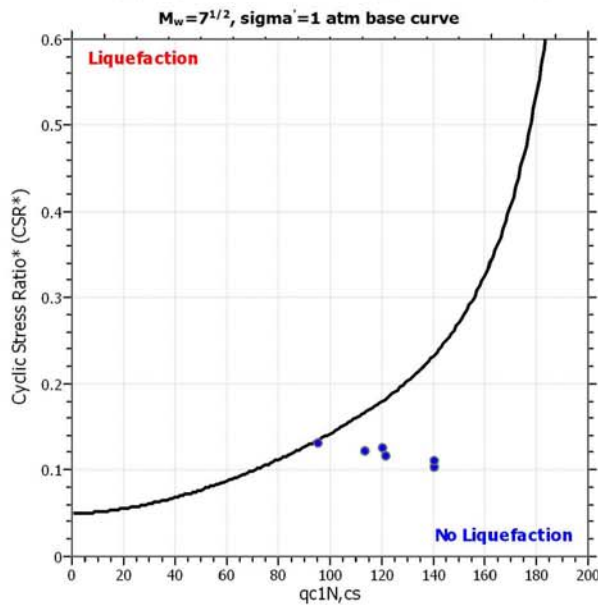
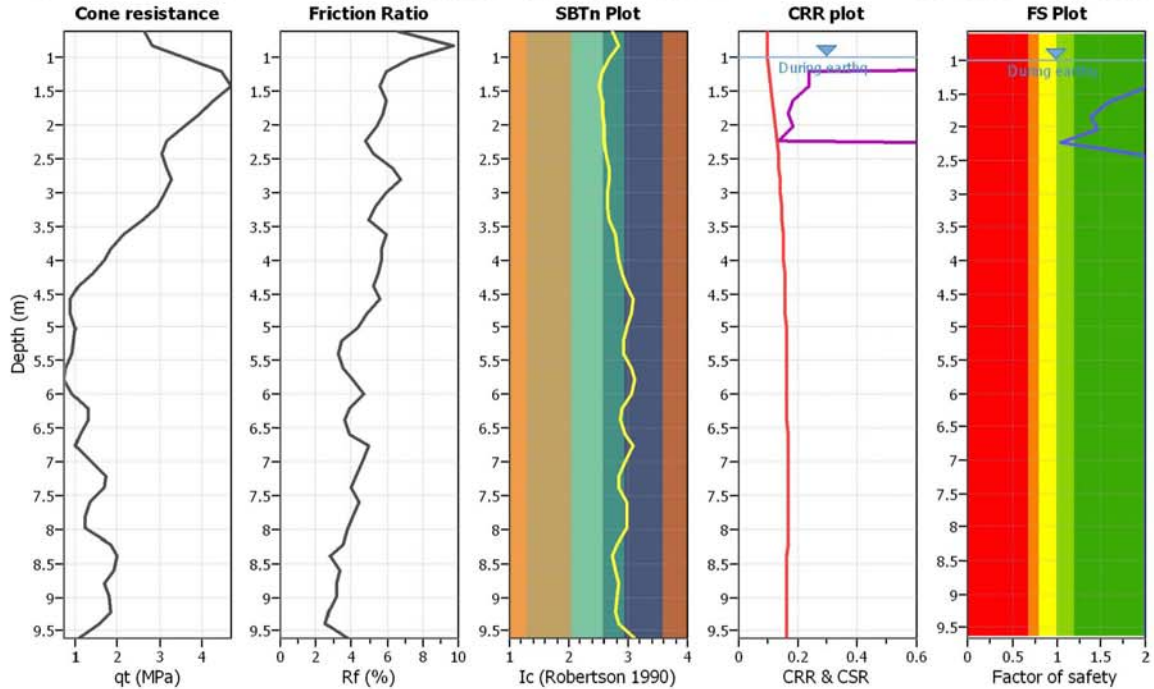
**Project title :**

**Location :**

**CPT file : 203010C077**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

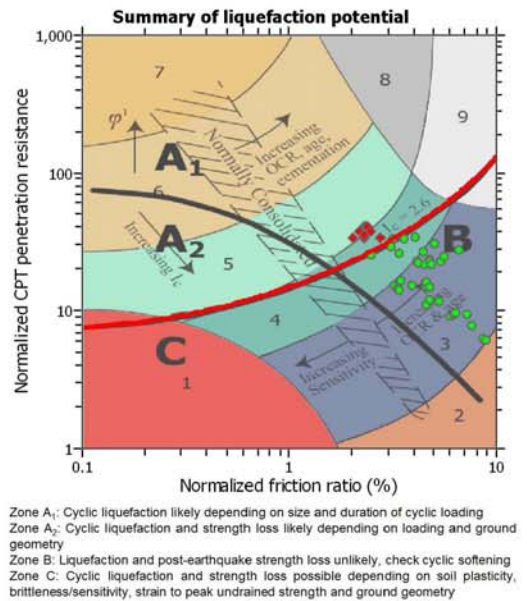
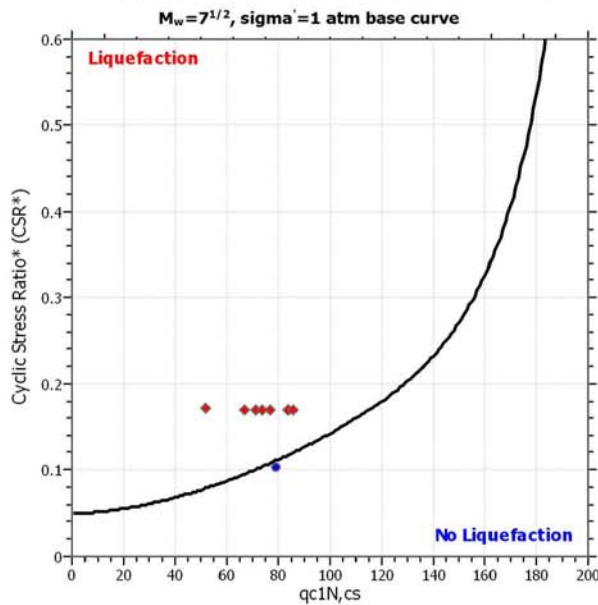
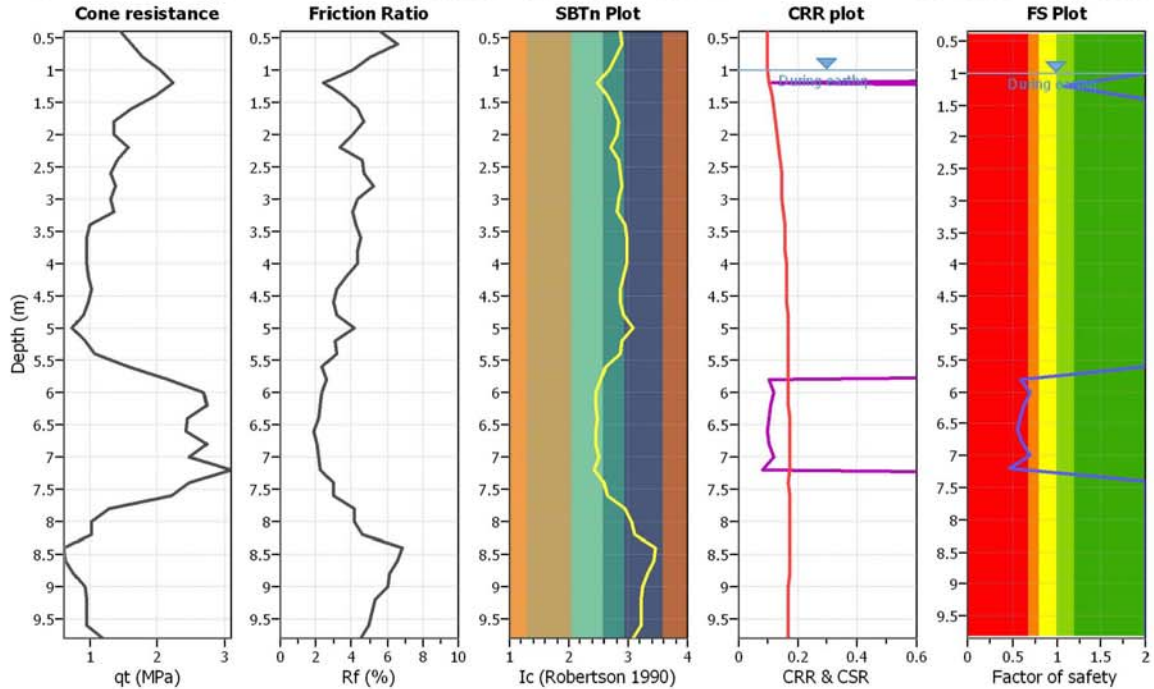
**Project title :**

**Location :**

**CPT file : 203010C078**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

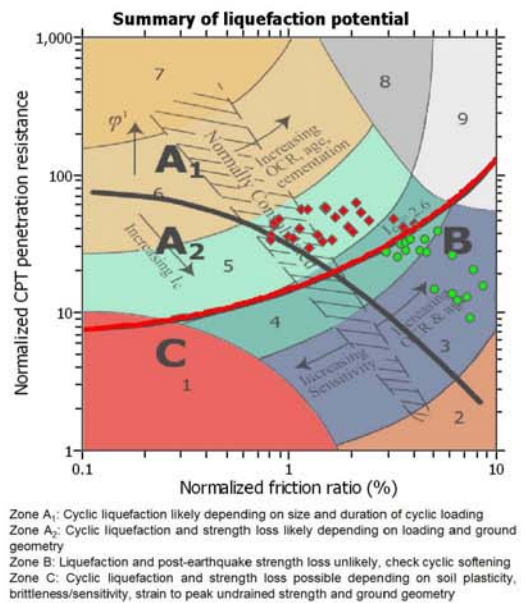
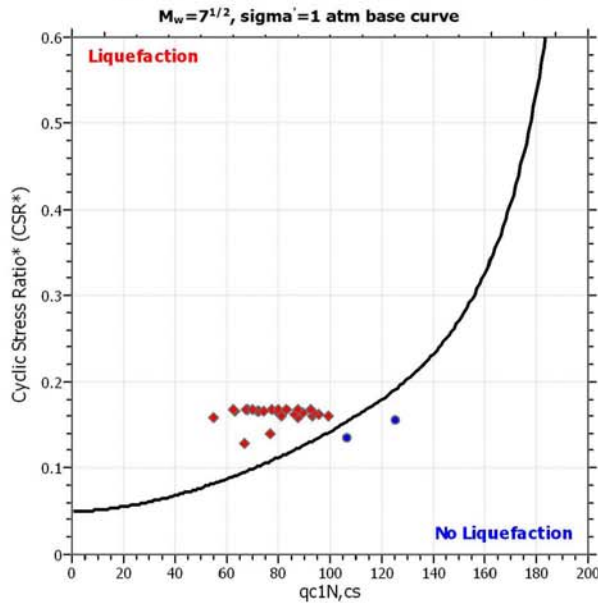
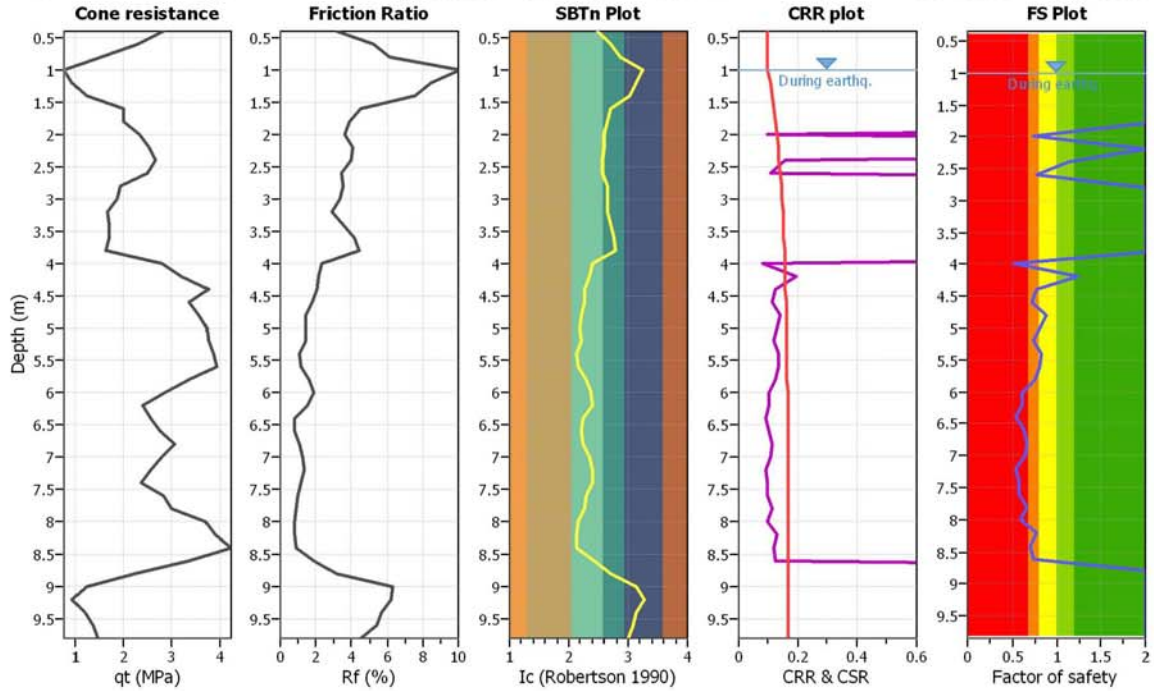
**Project title :**

**Location :**

**CPT file : 203010C079A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

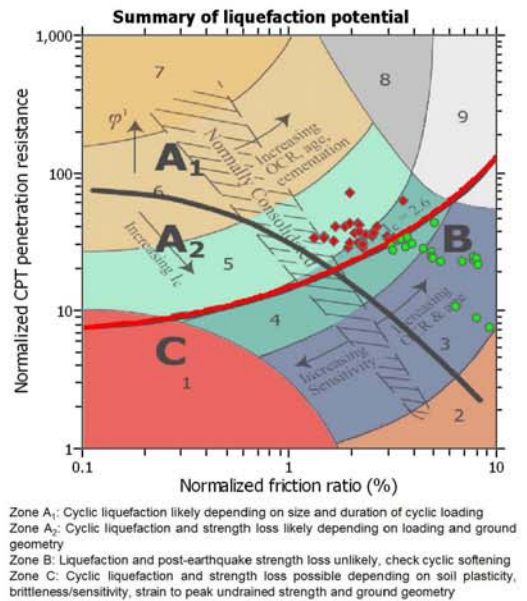
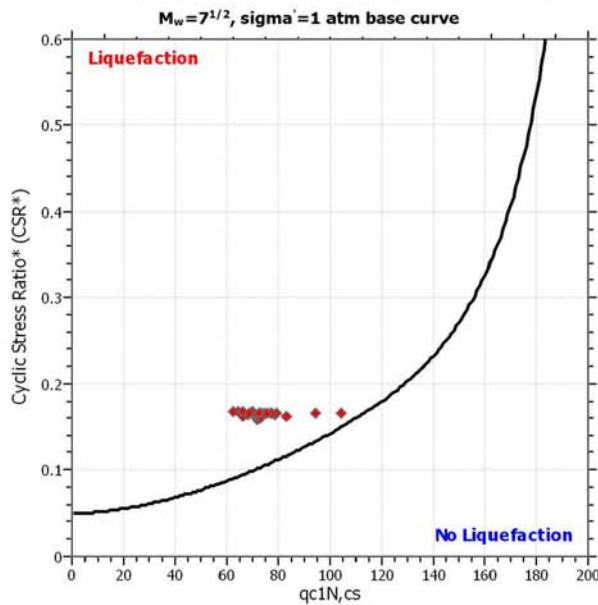
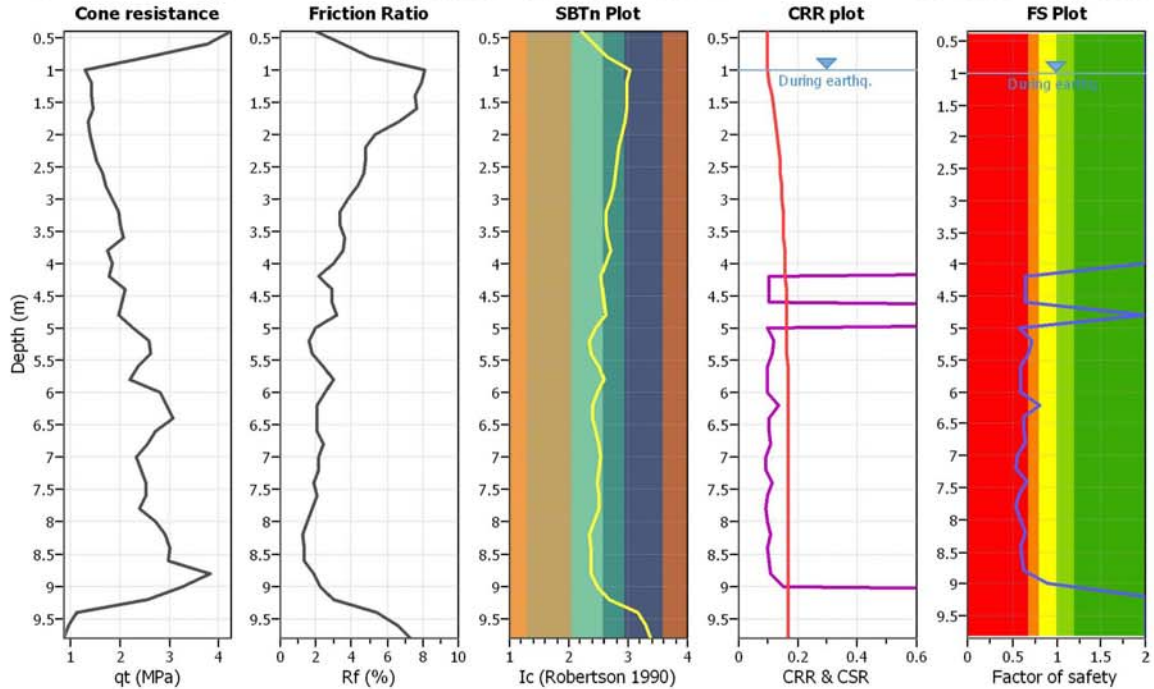
**Project title :**

**Location :**

**CPT file : 203010C079B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

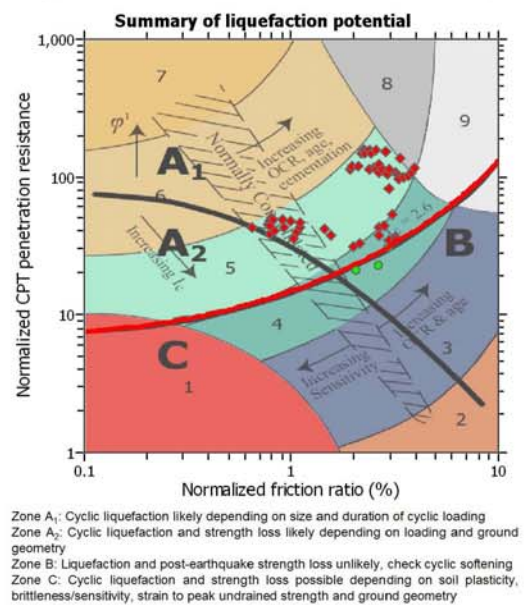
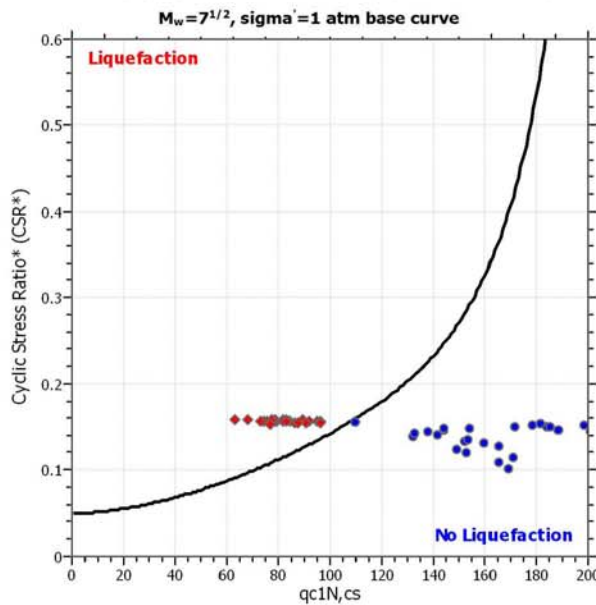
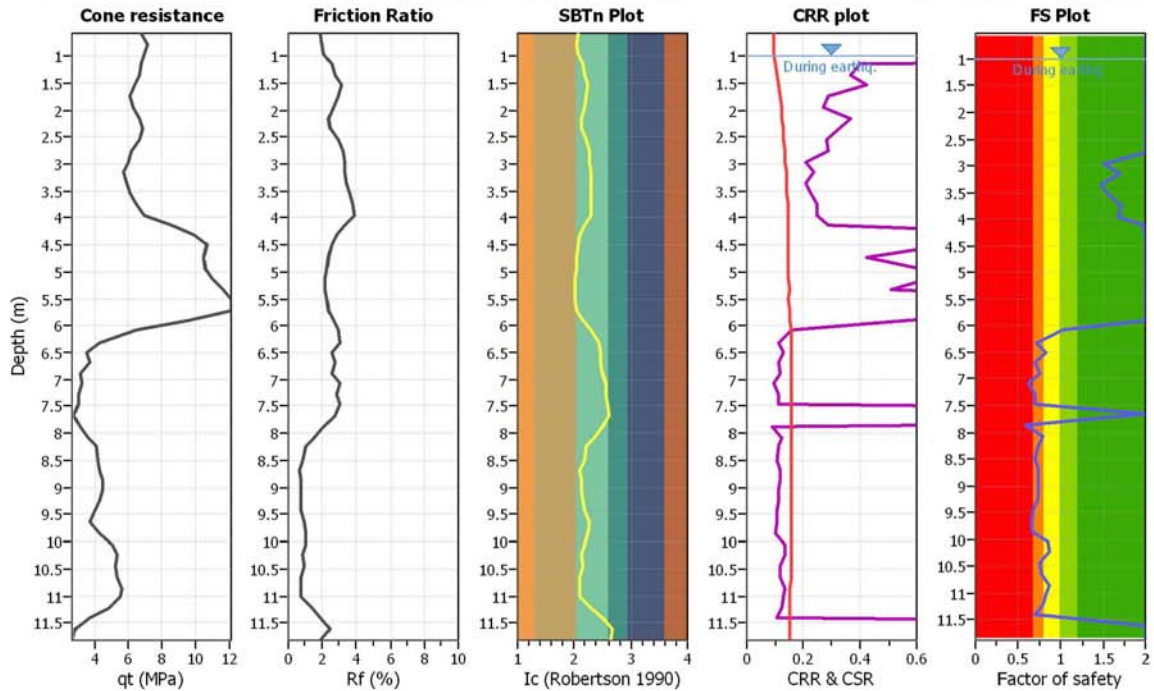
**Project title :**

**Location :**

**CPT file : 203010C079C**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

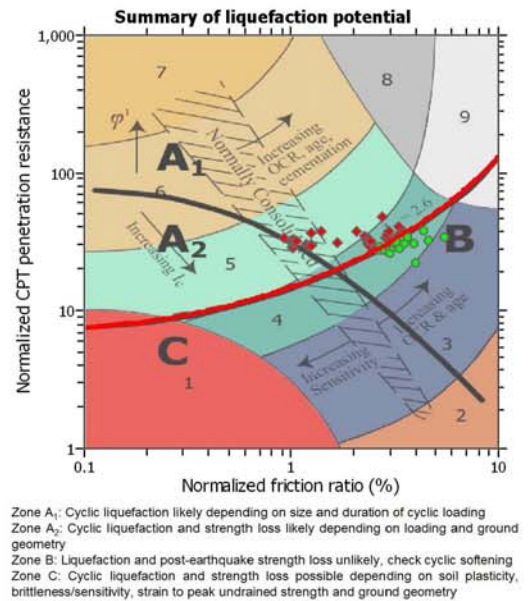
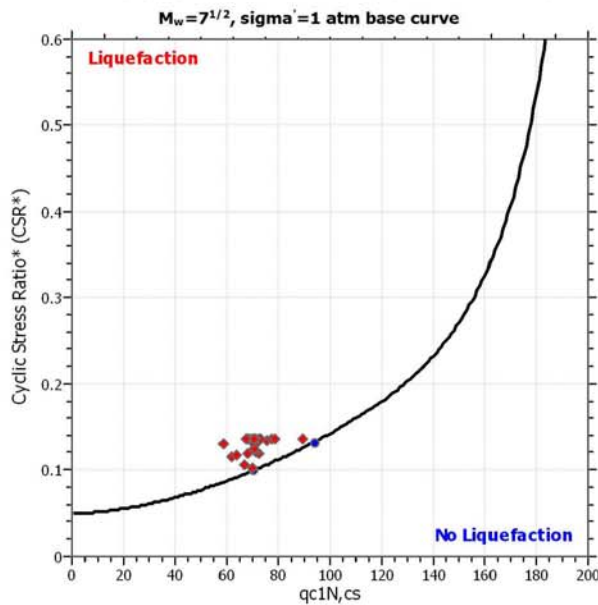
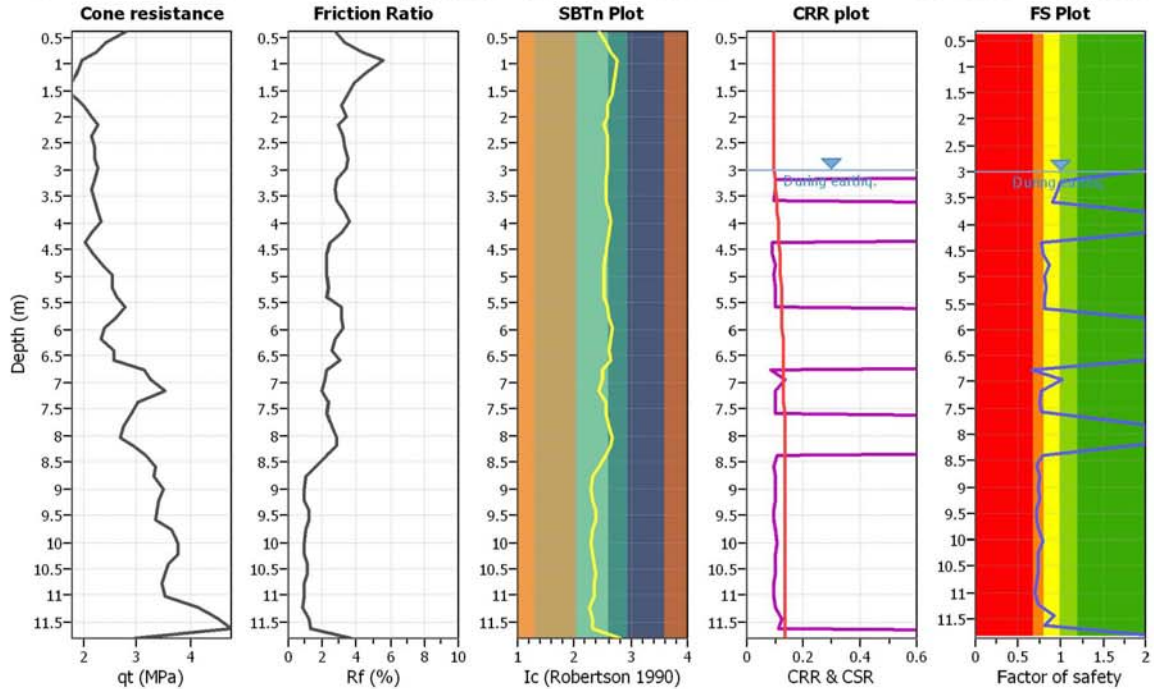
**Project title :**

**Location :**

**CPT file : 203010C079D**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

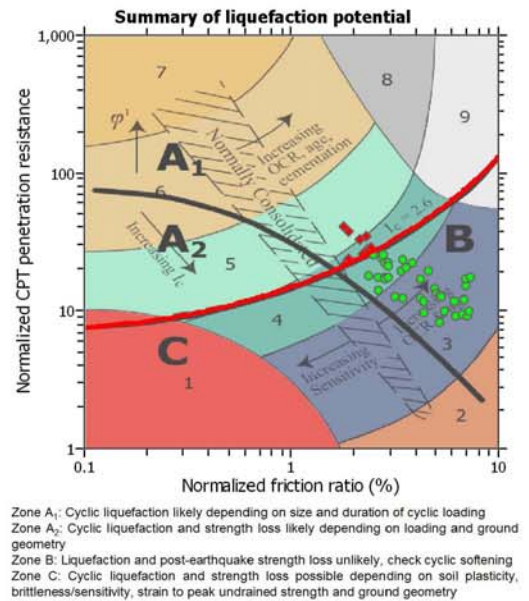
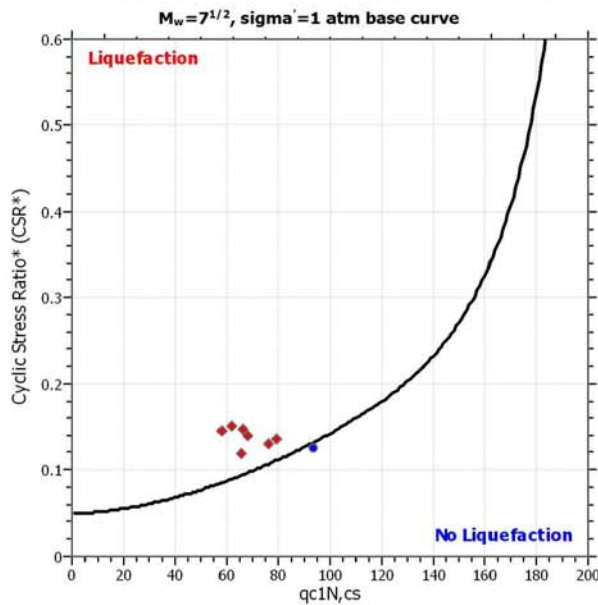
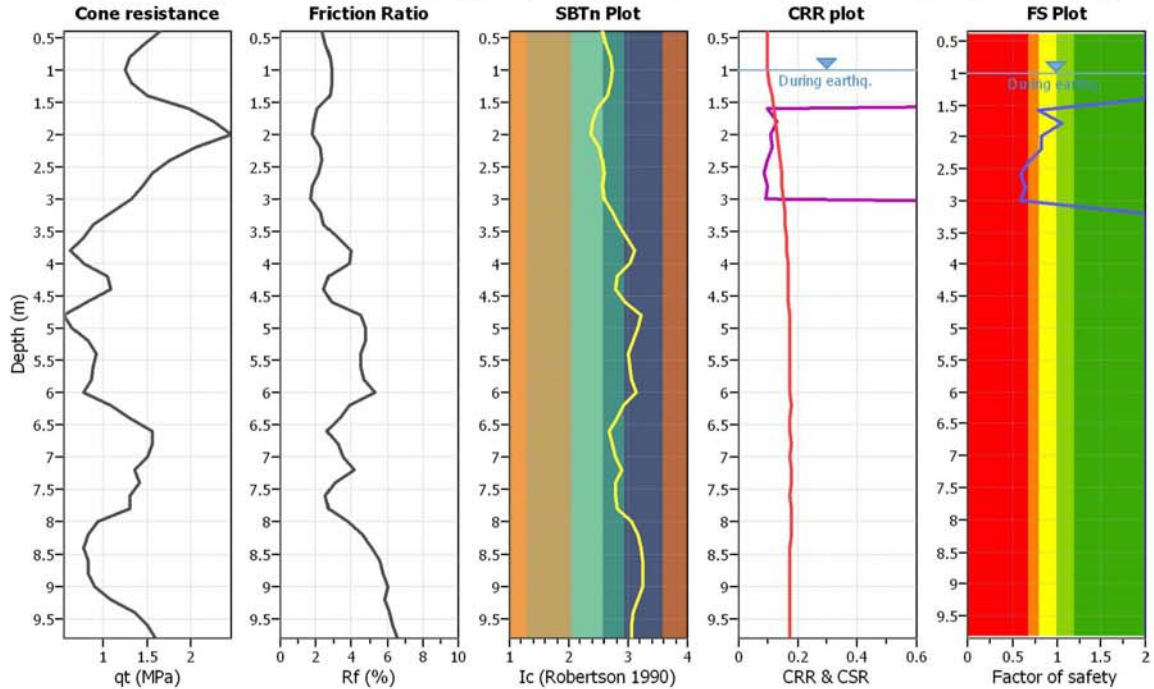
**Project title :**

**Location :**

**CPT file : 203010C080**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

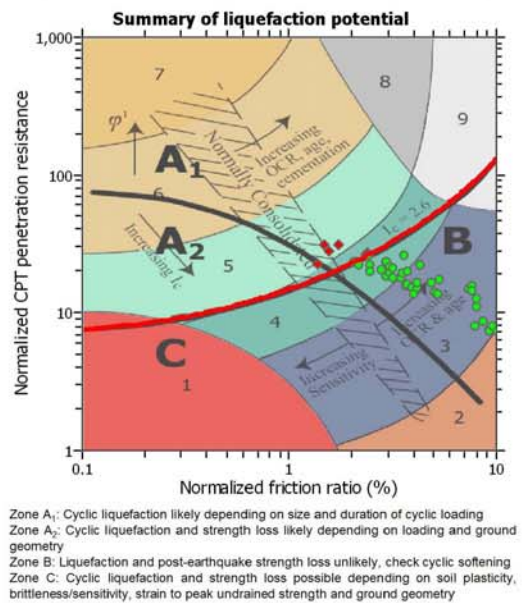
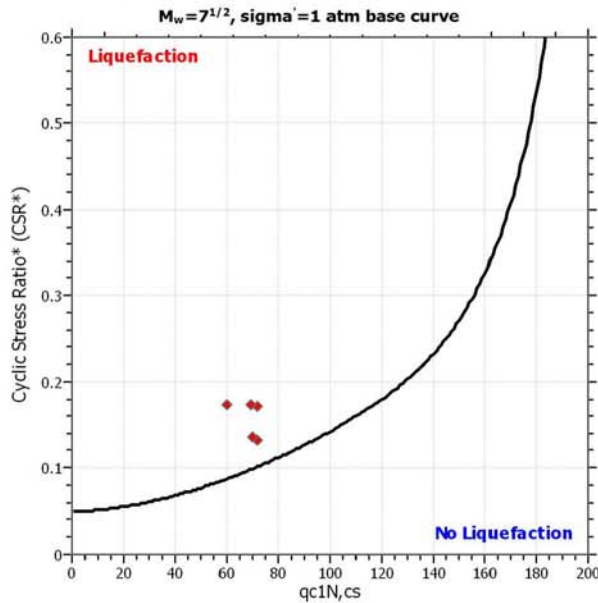
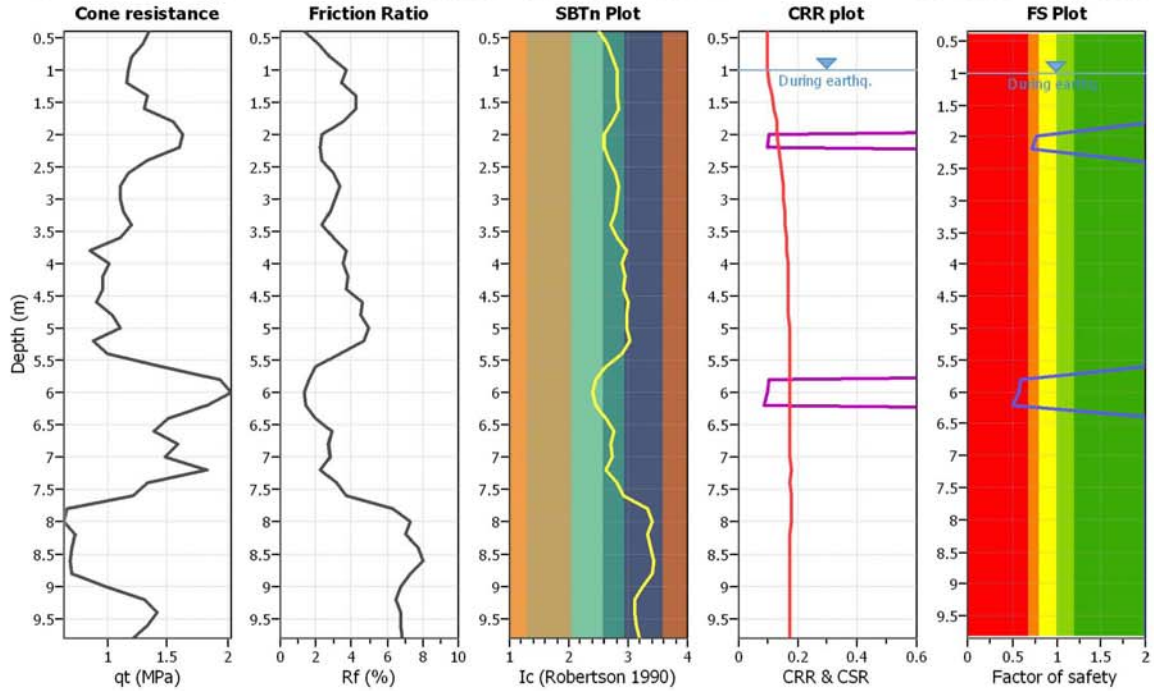
**Project title :**

**Location :**

**CPT file : 203010C081**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

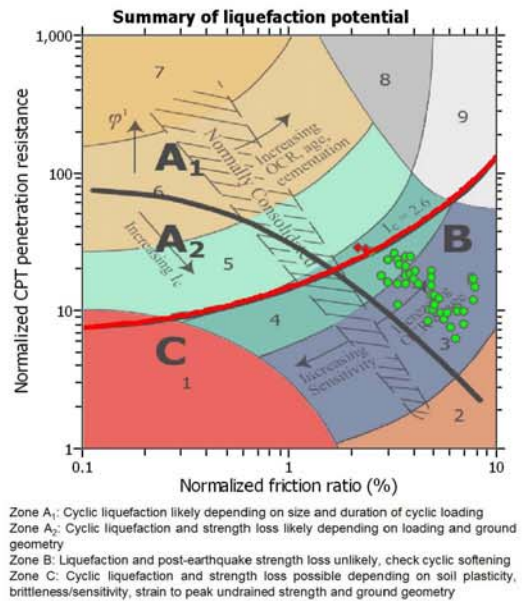
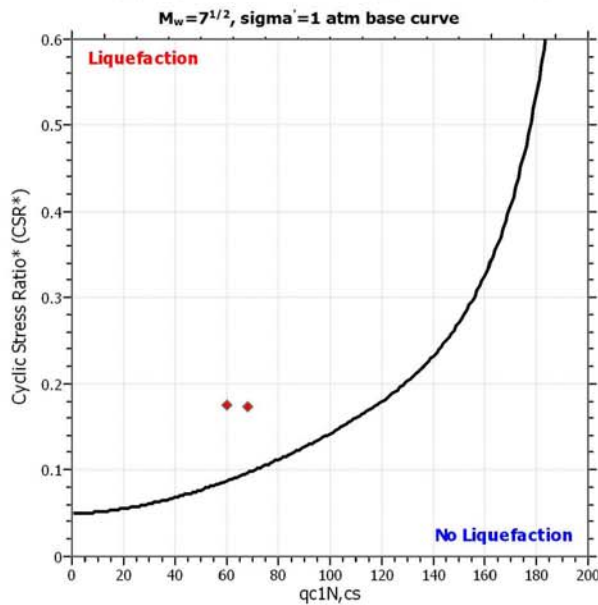
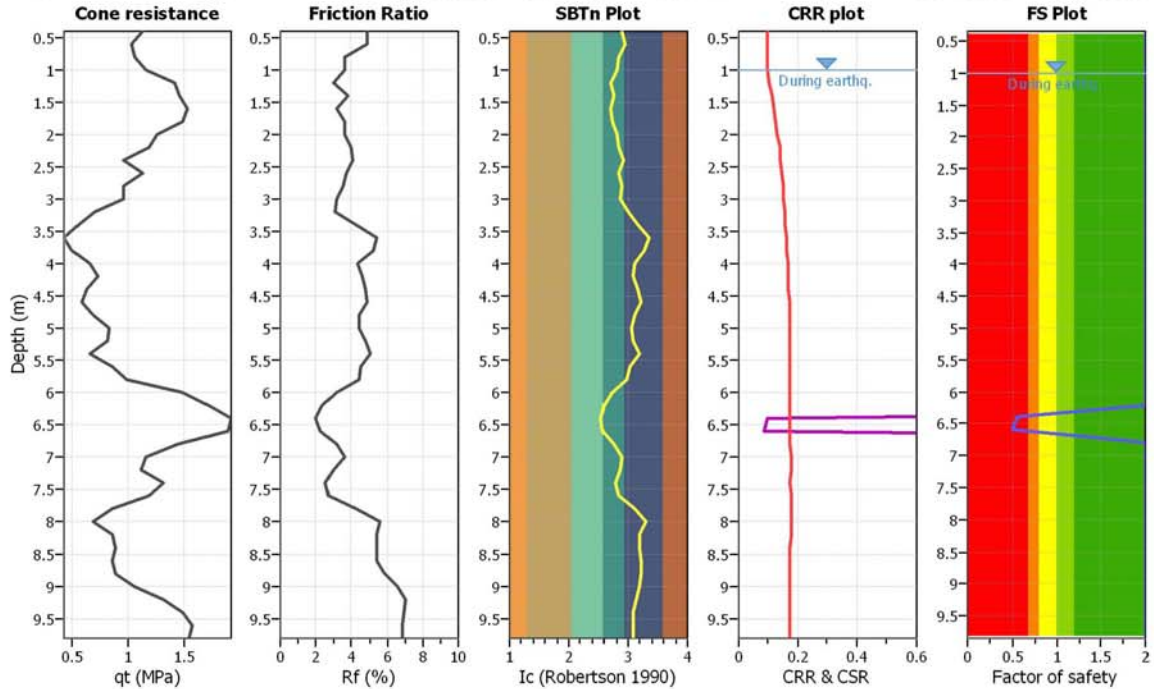
**Project title :**

**Location :**

**CPT file : 203010C082**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

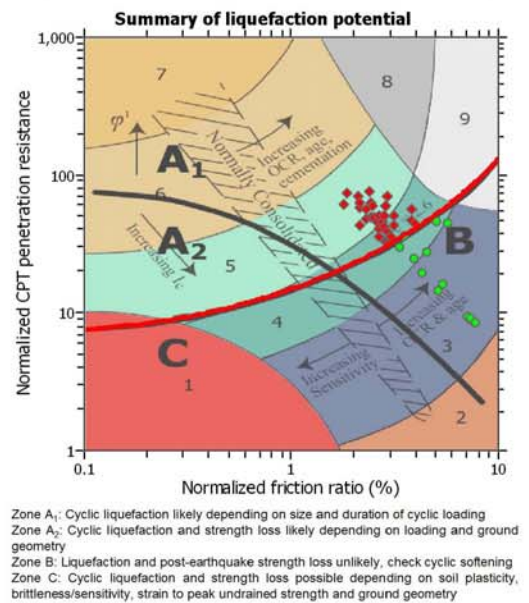
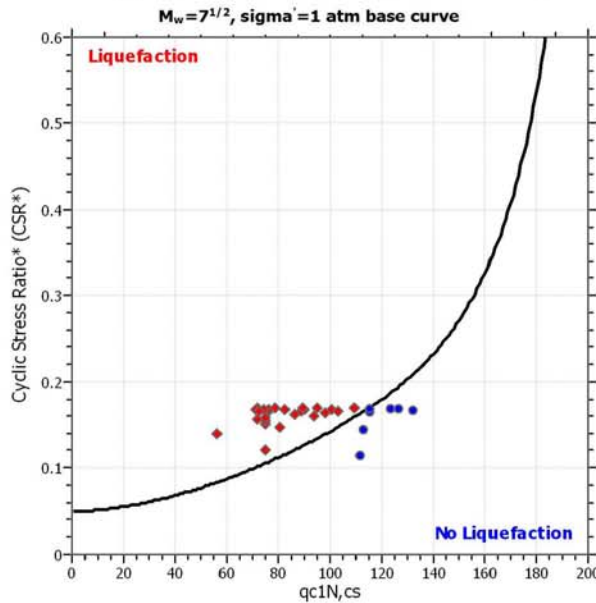
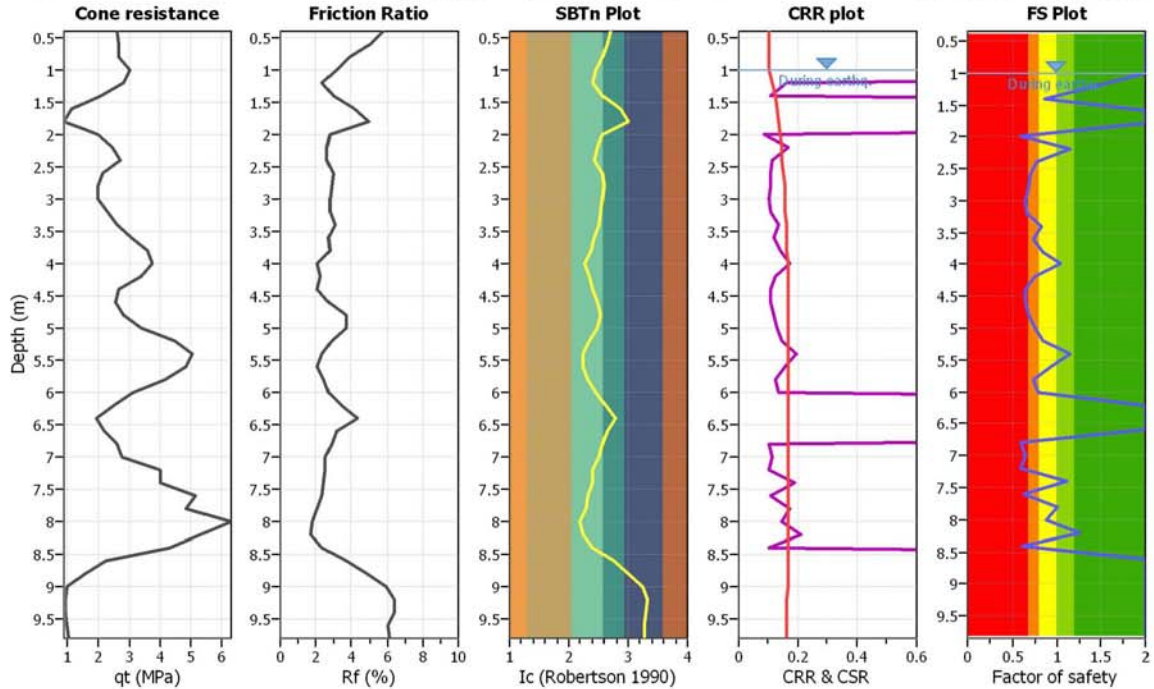
**Project title :**

**Location :**

**CPT file : 203010C083**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

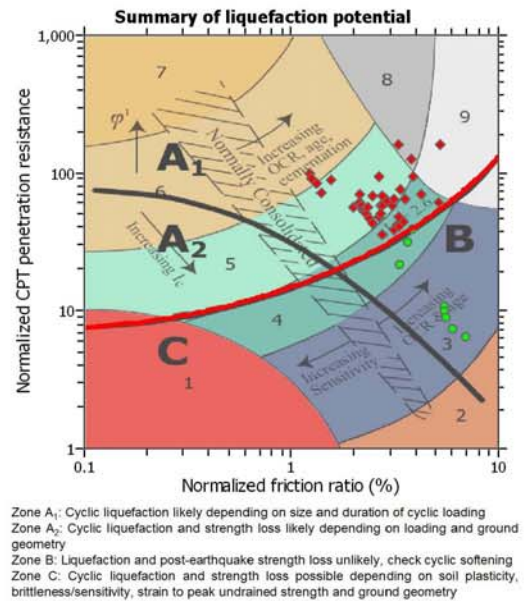
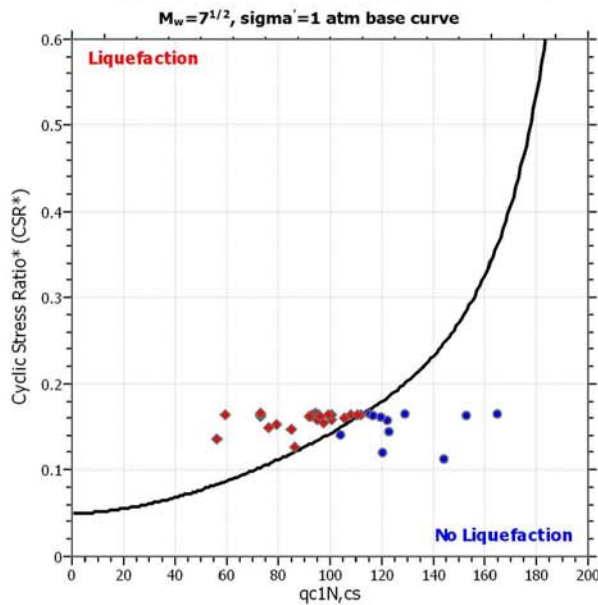
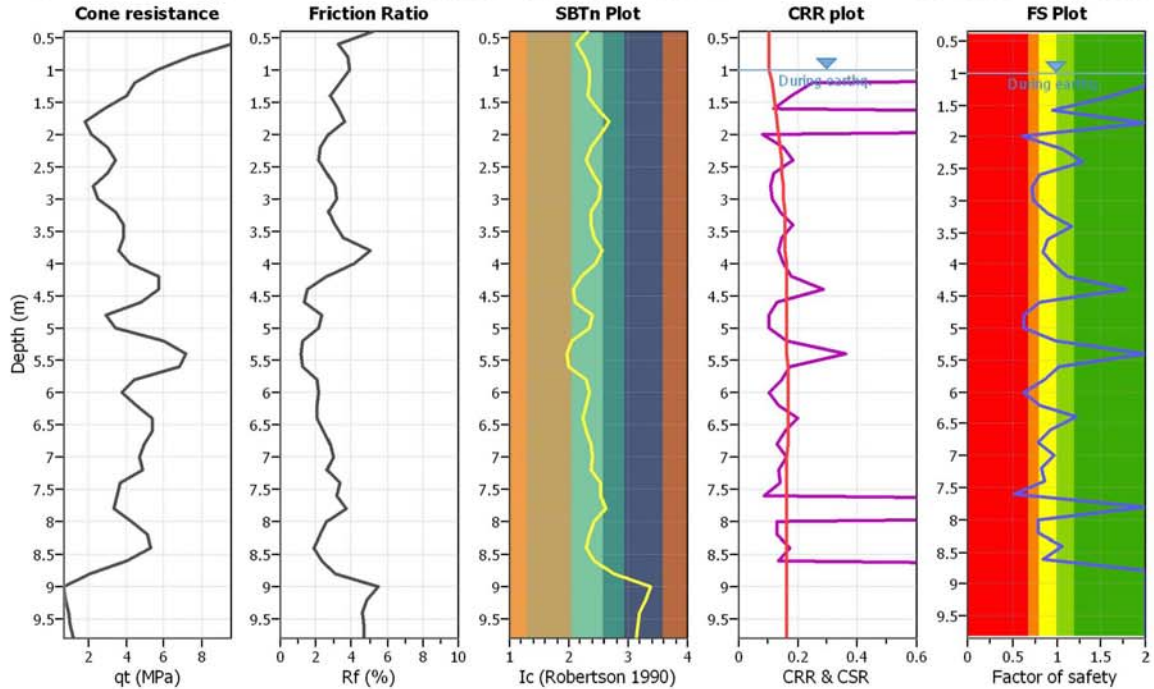
**Project title :**

**Location :**

**CPT file : 203010C084**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

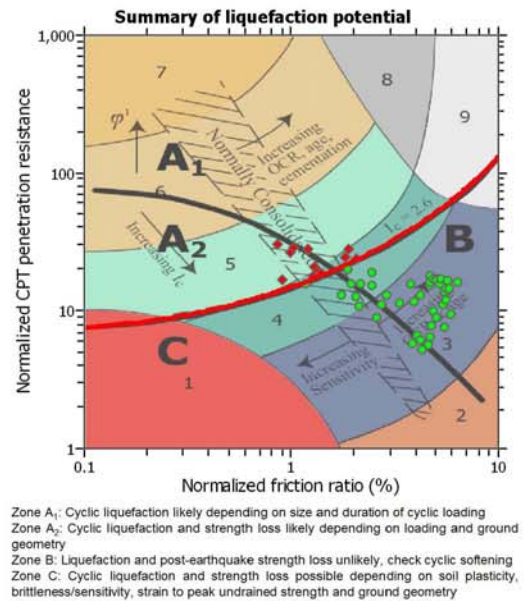
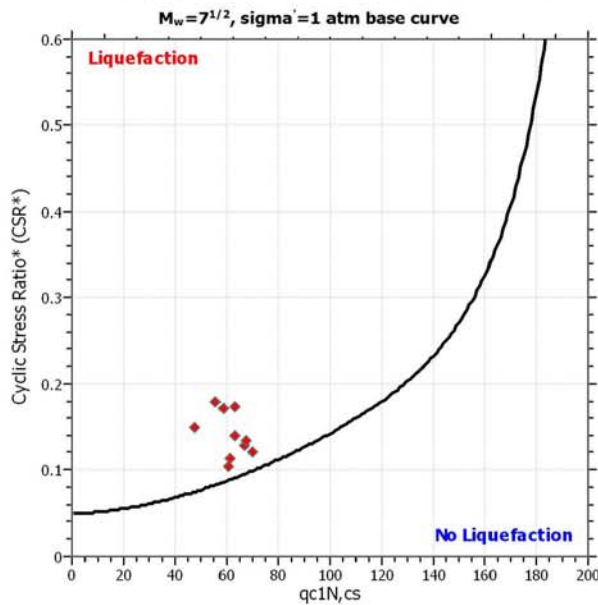
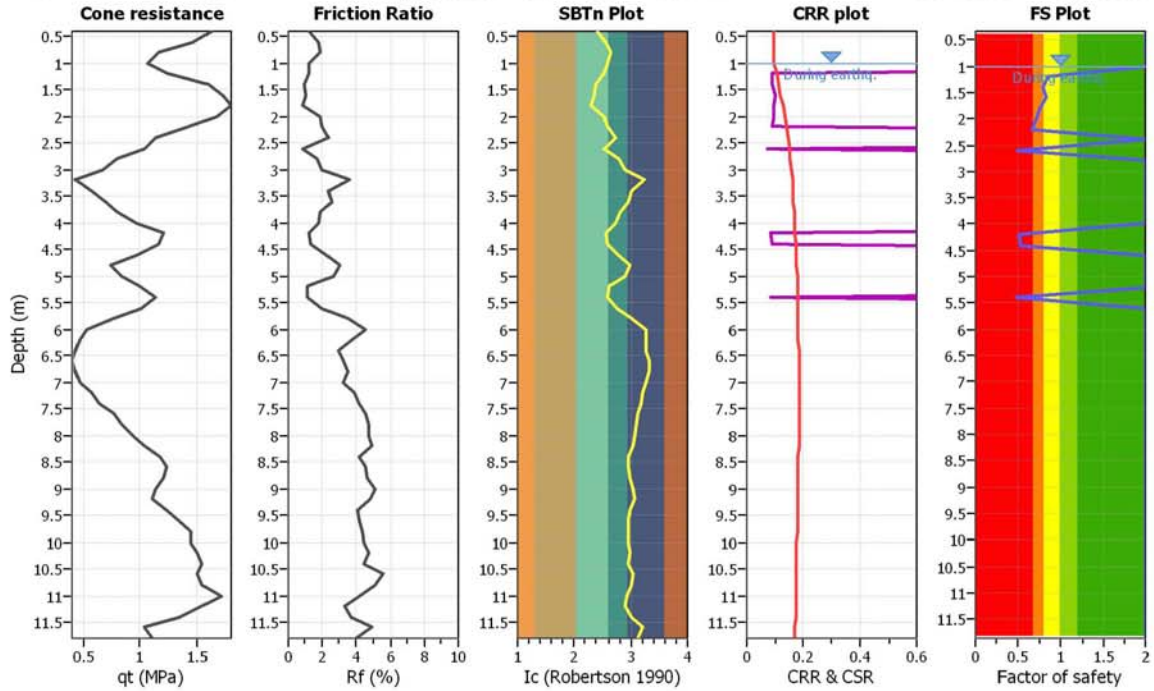
**Project title :**

**Location :**

**CPT file : 203010C085**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

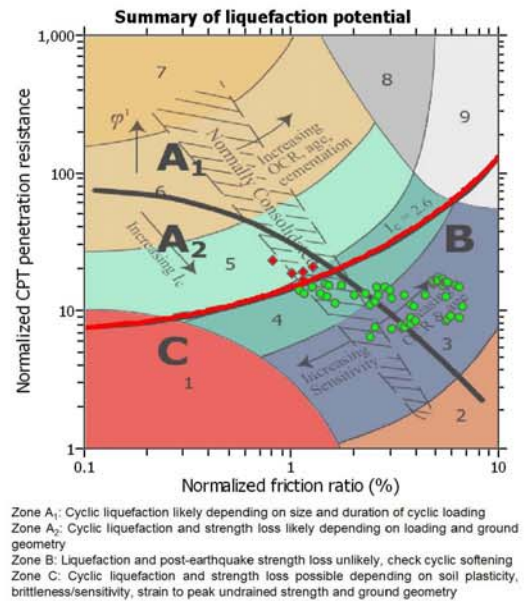
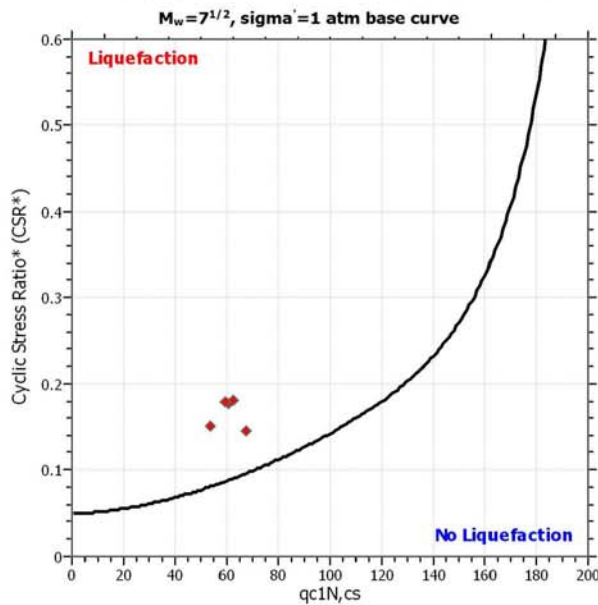
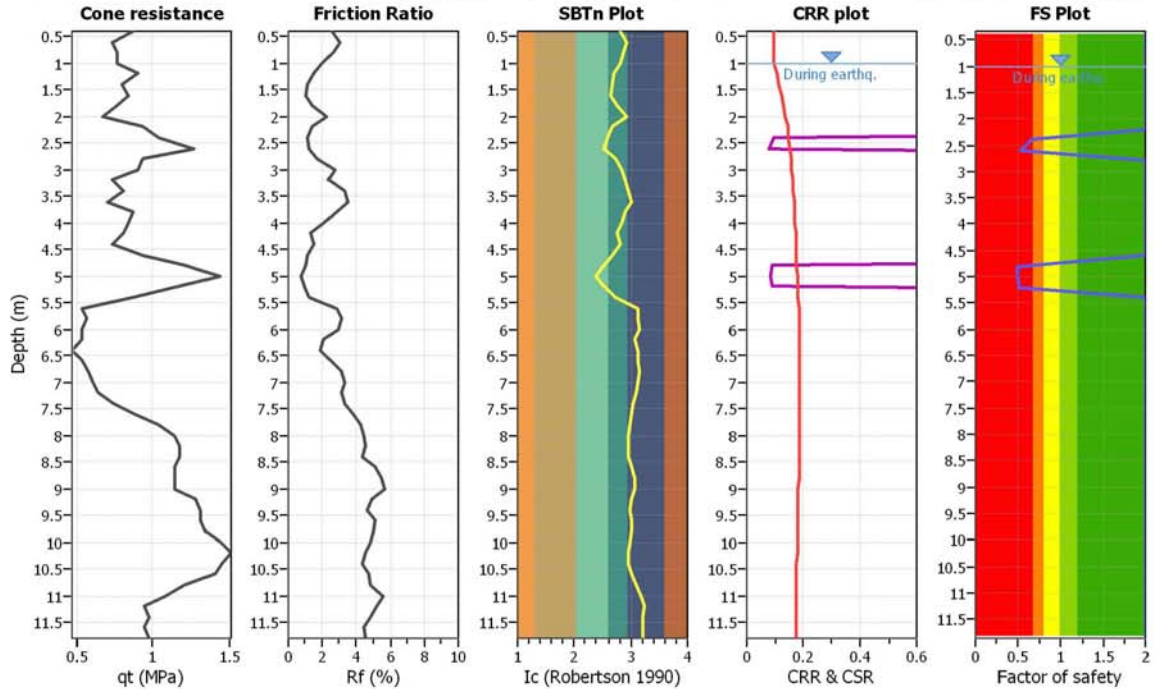
**Project title :**

**Location :**

**CPT file : 203010C086**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

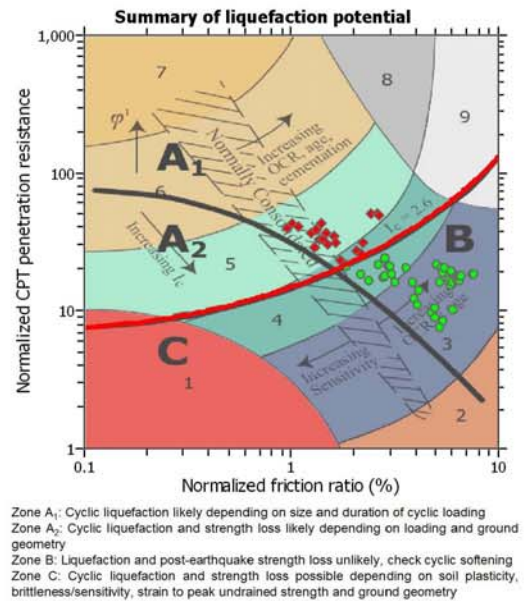
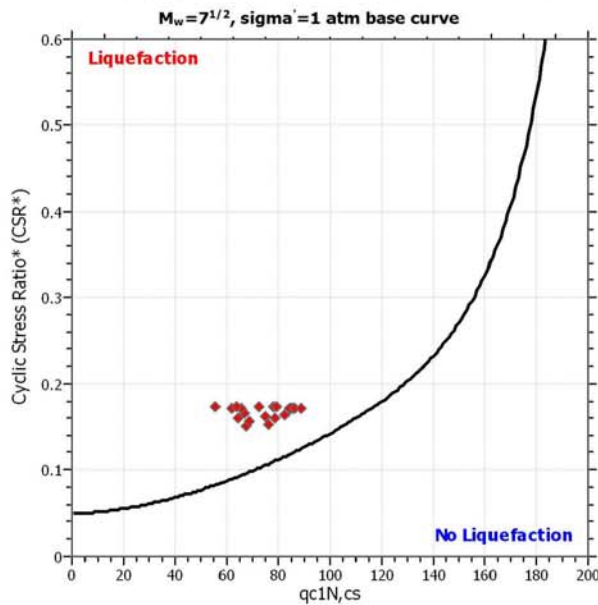
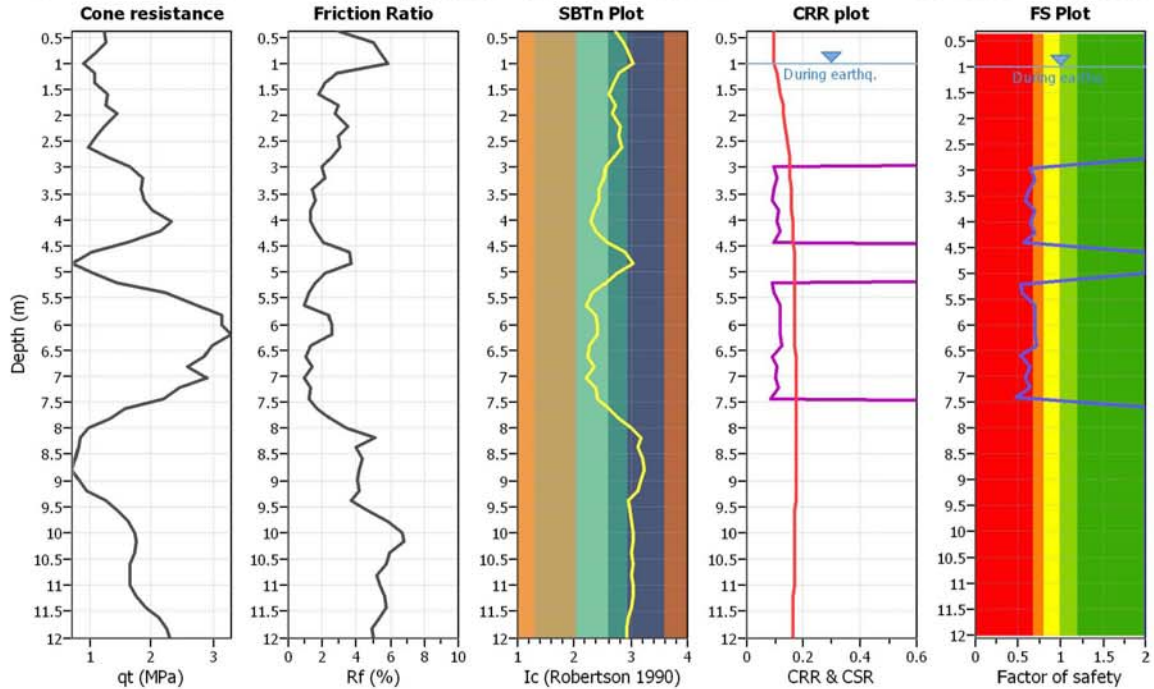
**Project title :**

**Location :**

**CPT file : 203010C087**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

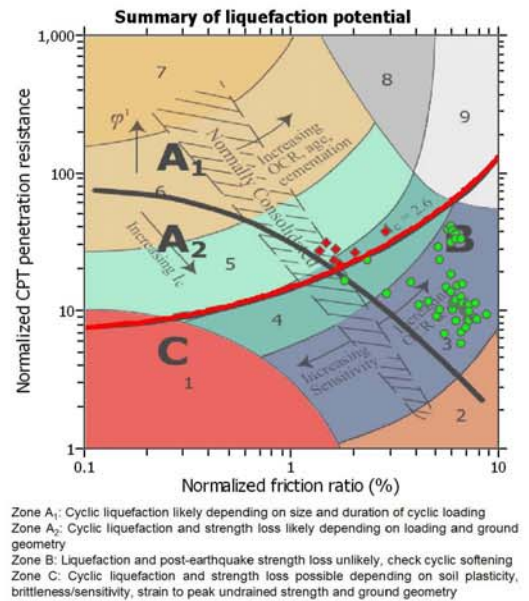
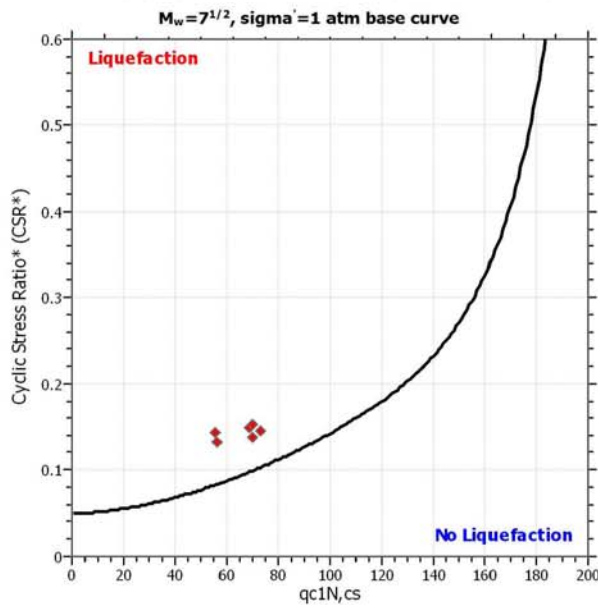
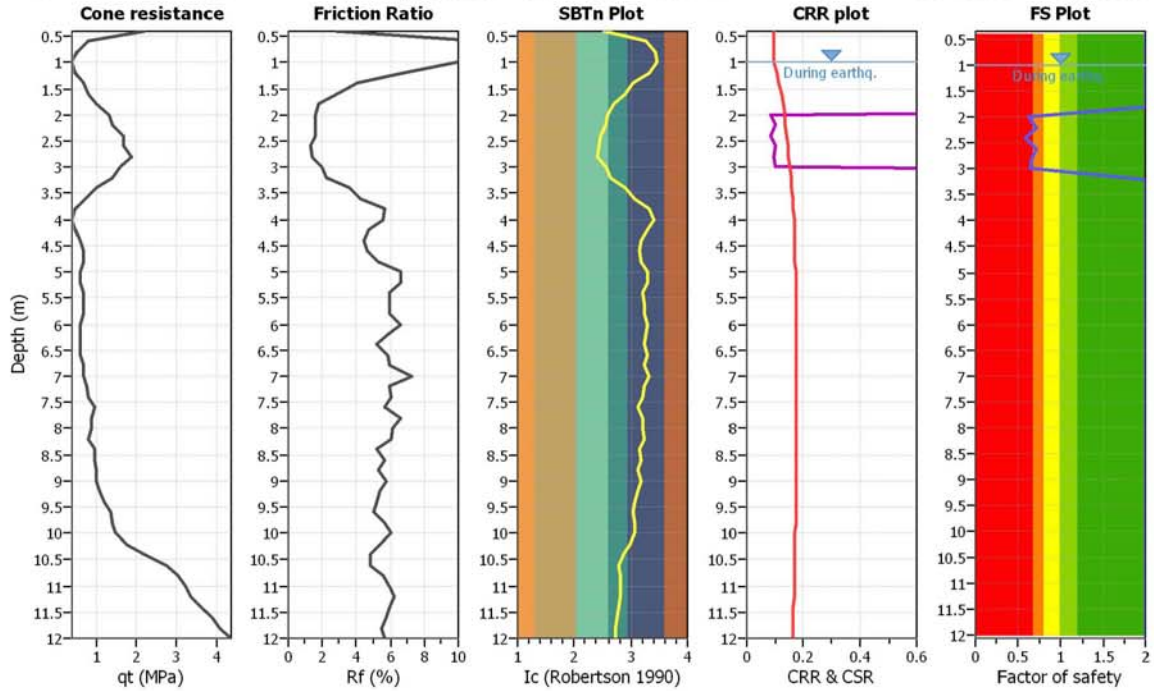
**Project title :**

**Location :**

**CPT file : 203010C094**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

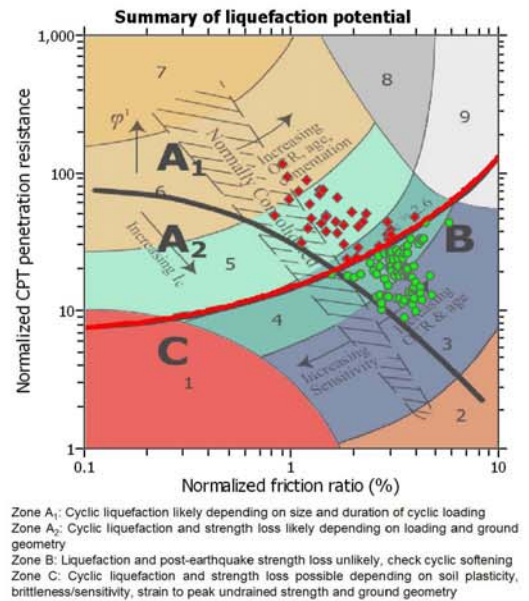
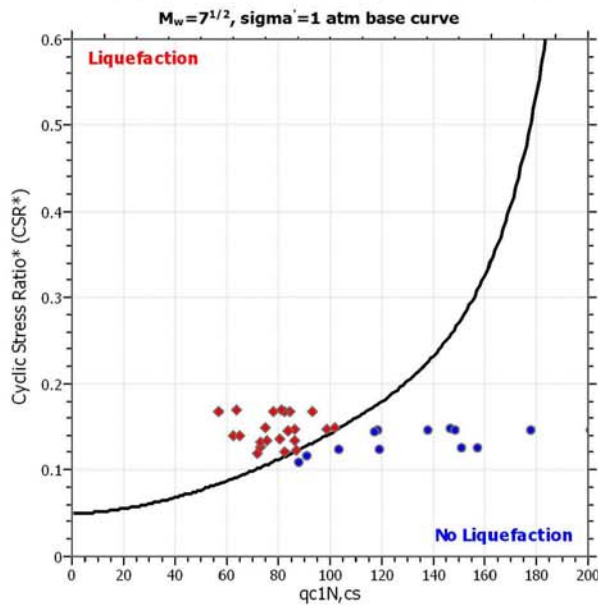
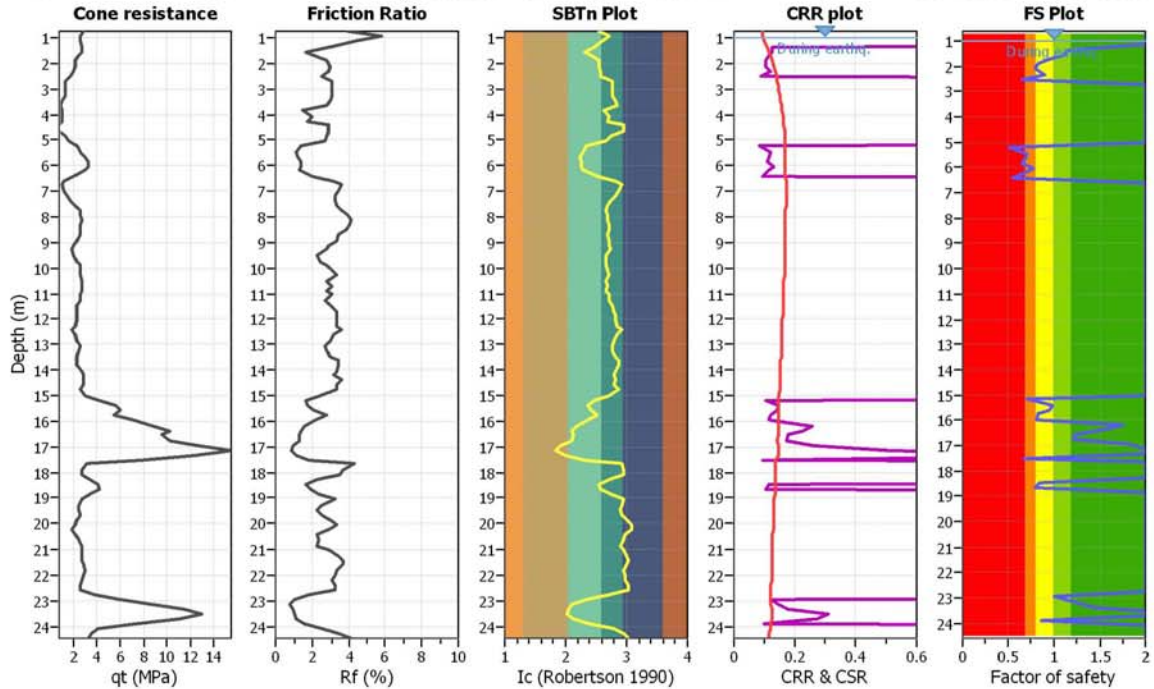
**Project title :**

**Location :**

**CPT file : 203010C101**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

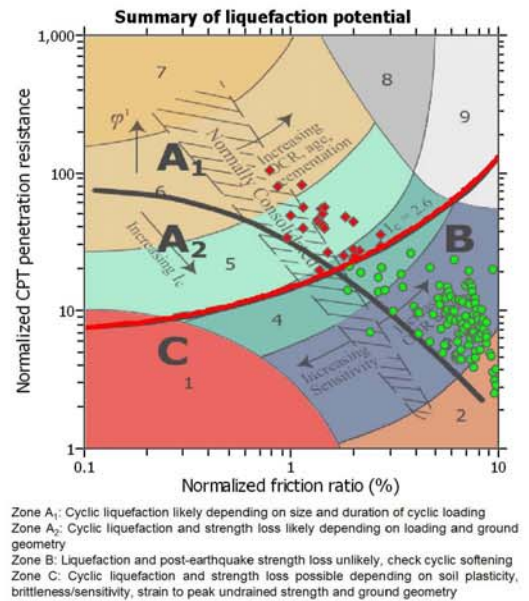
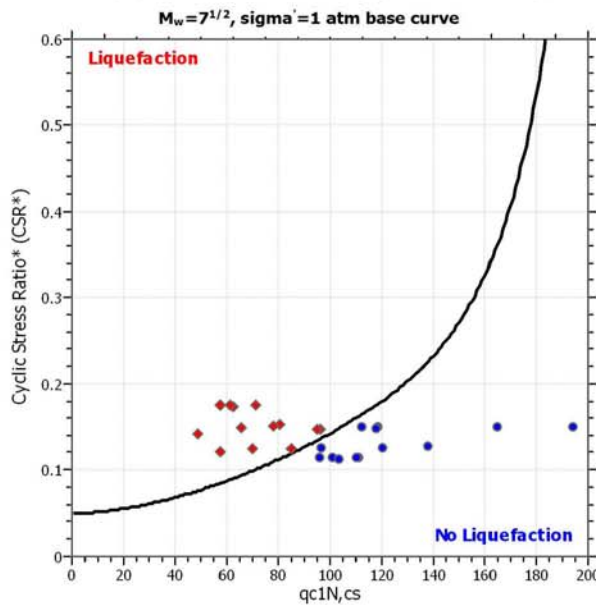
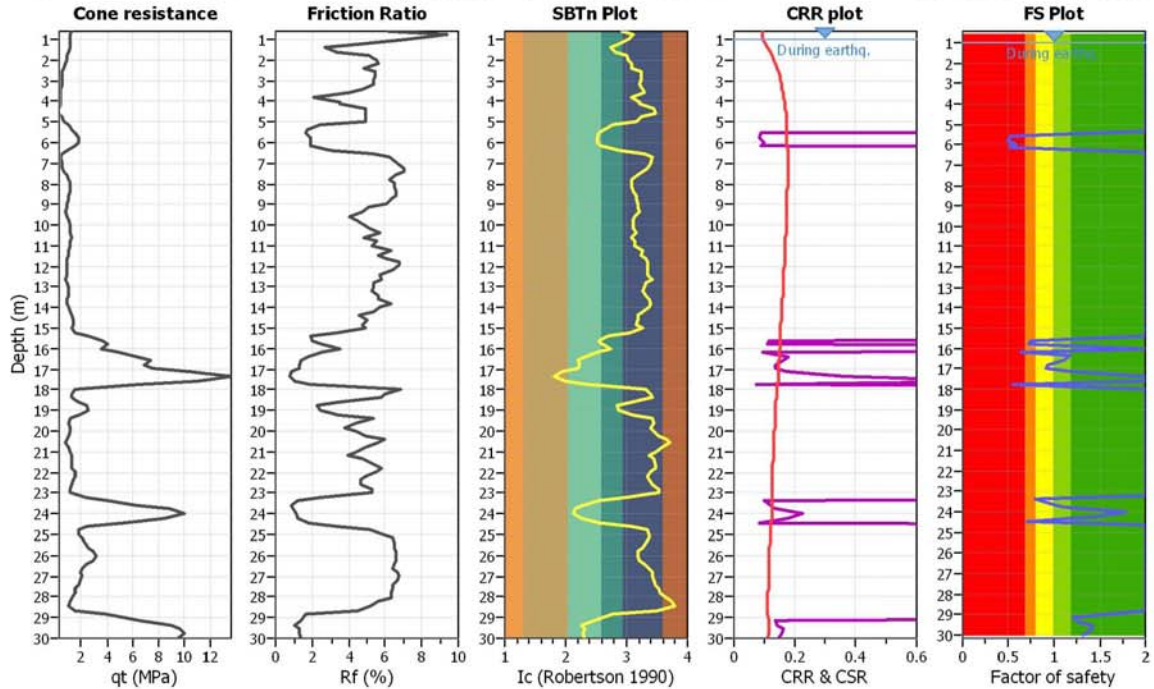
**Project title :**

**Location :**

**CPT file : 203010C102**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

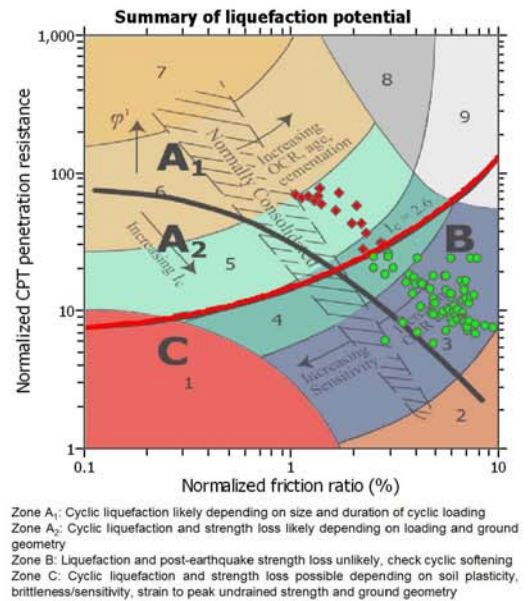
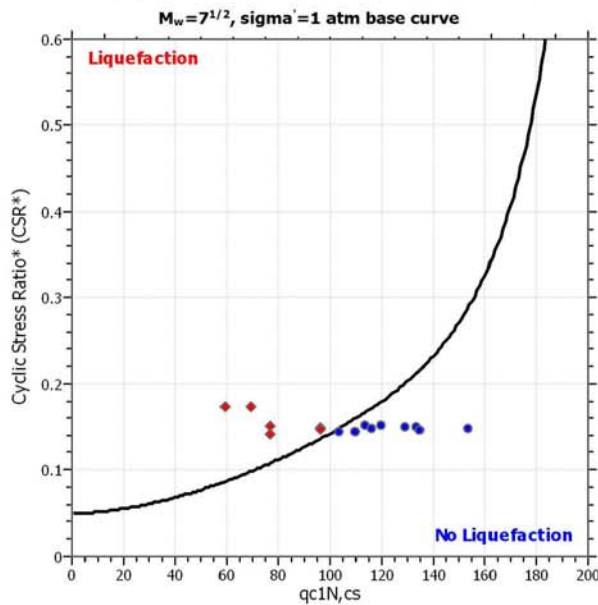
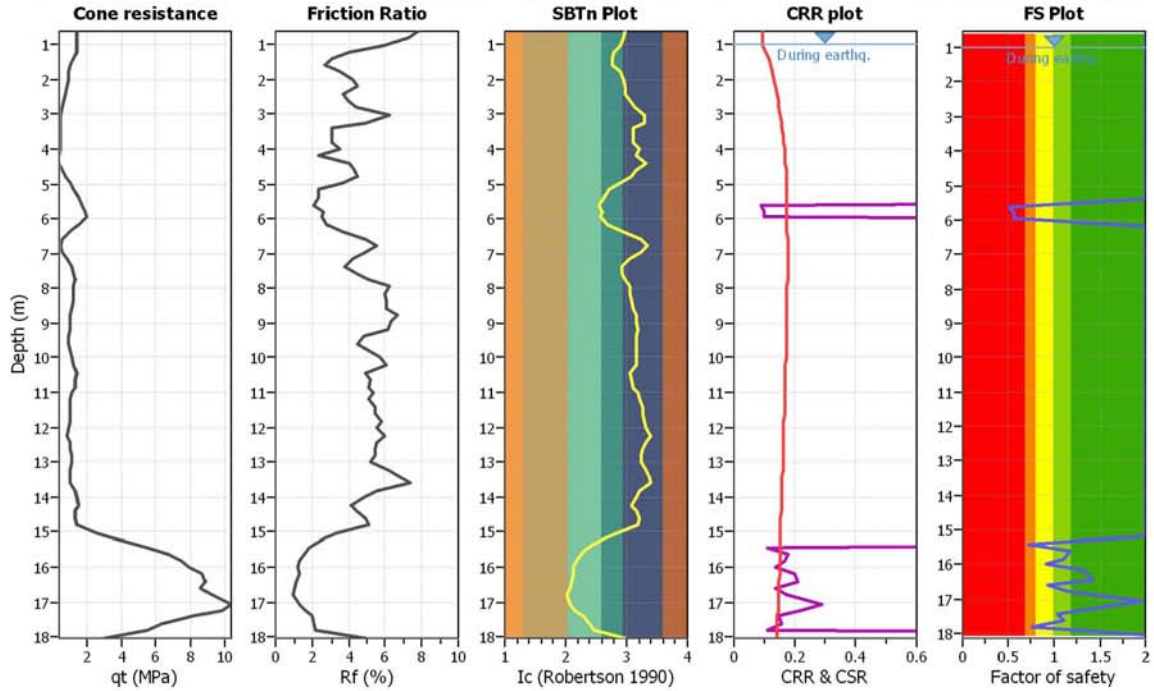
**Project title :**

**Location :**

**CPT file : 203010C103**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

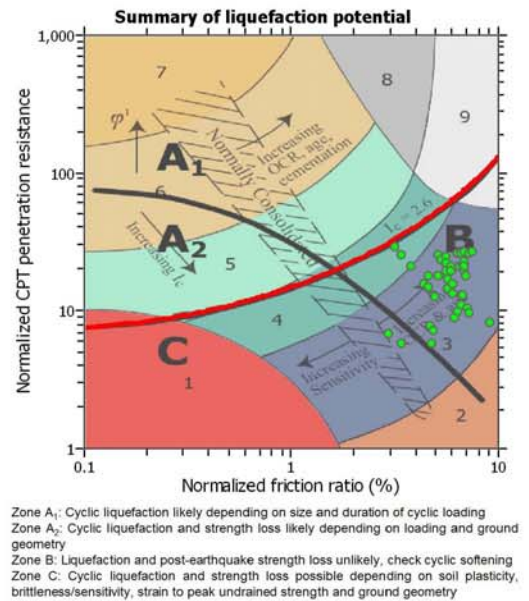
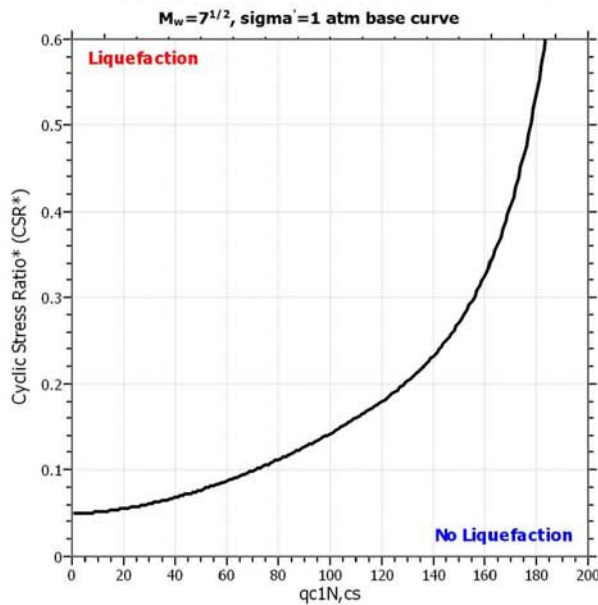
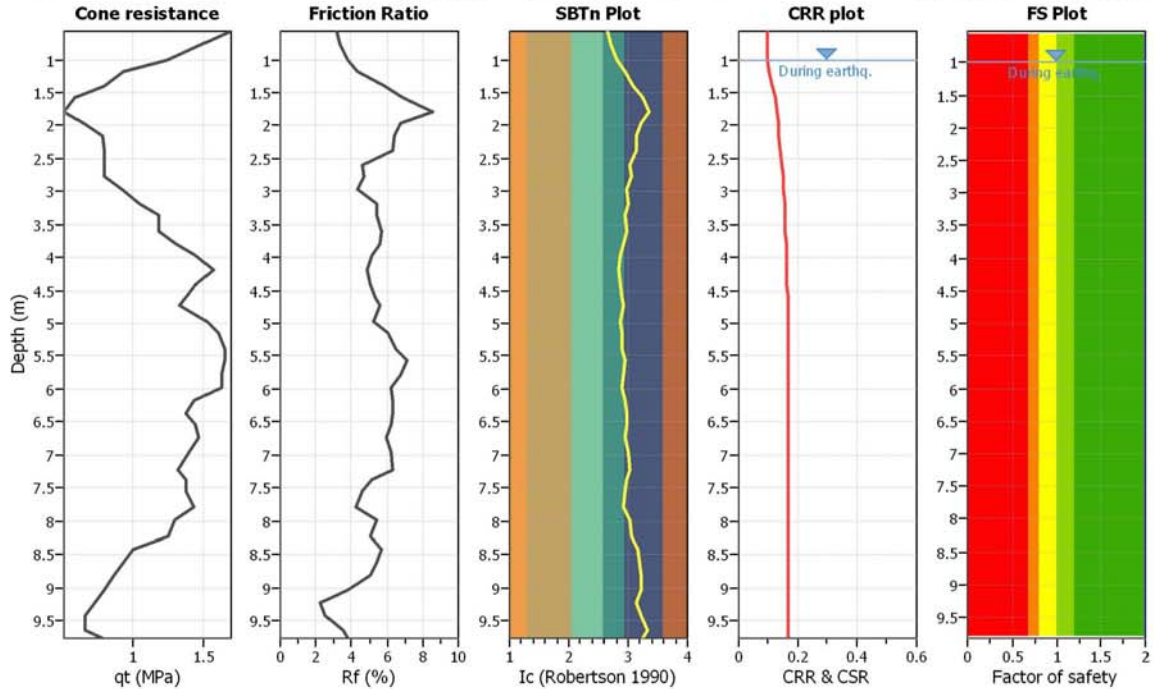
**Project title :**

**Location :**

**CPT file : 203010C104**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

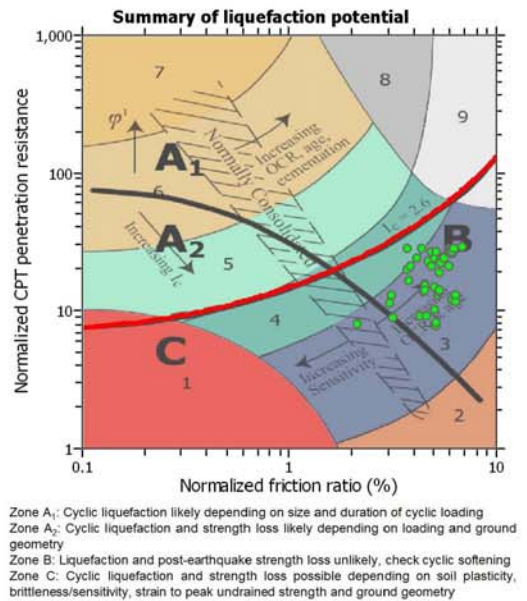
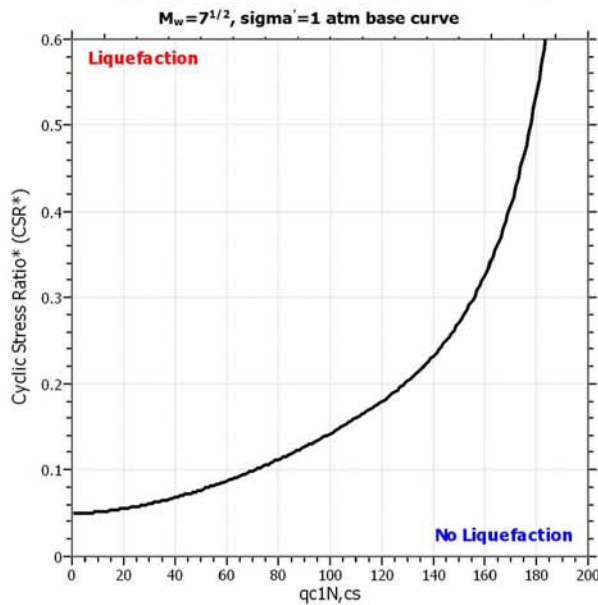
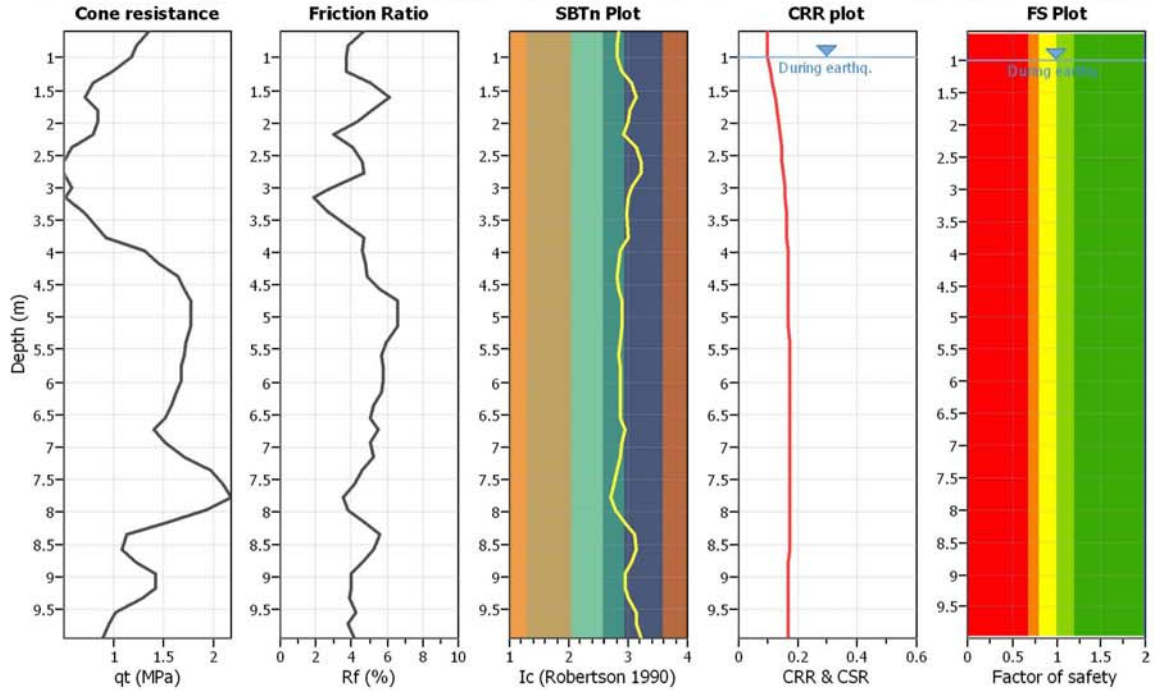
**Project title :**

**Location :**

**CPT file : 203010C105**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

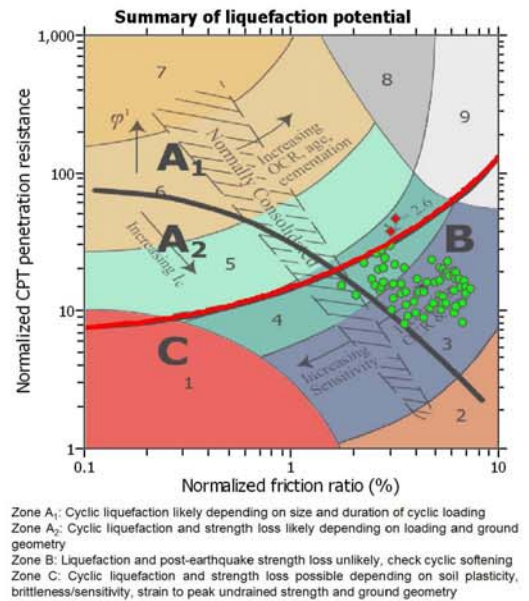
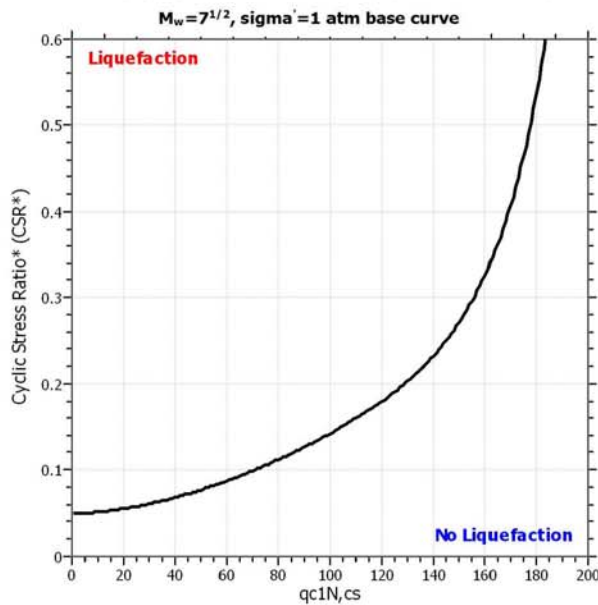
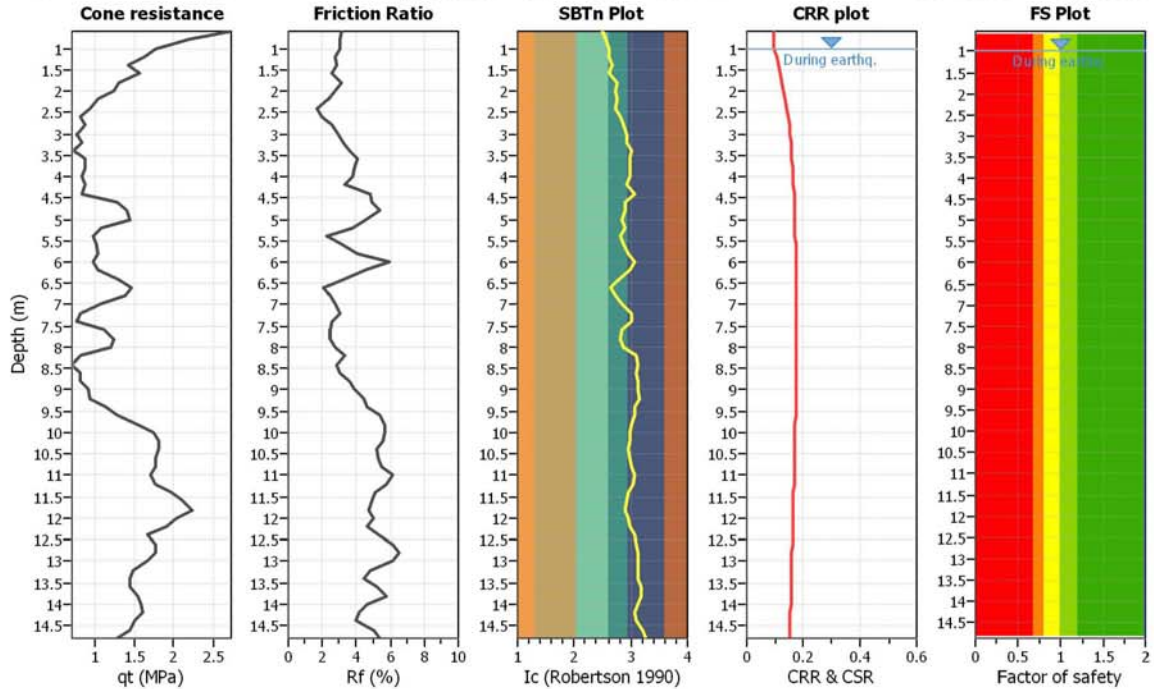
**Project title :**

**Location :**

**CPT file : 203010C106**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

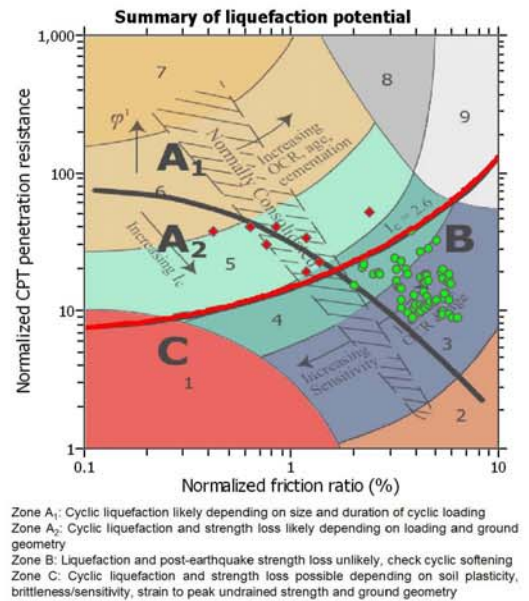
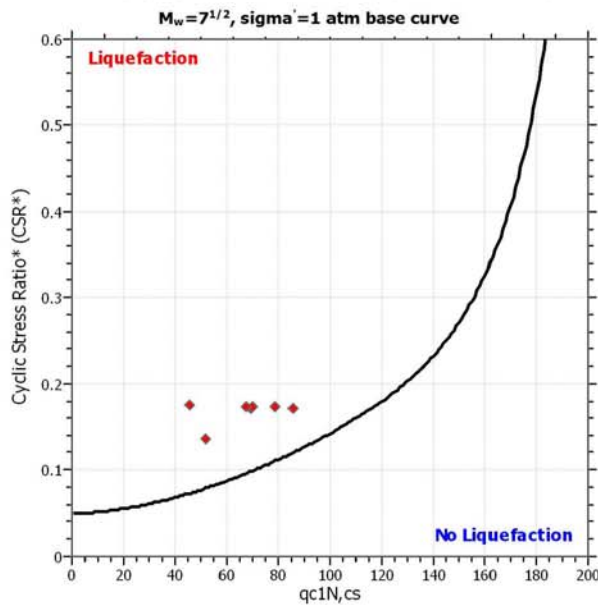
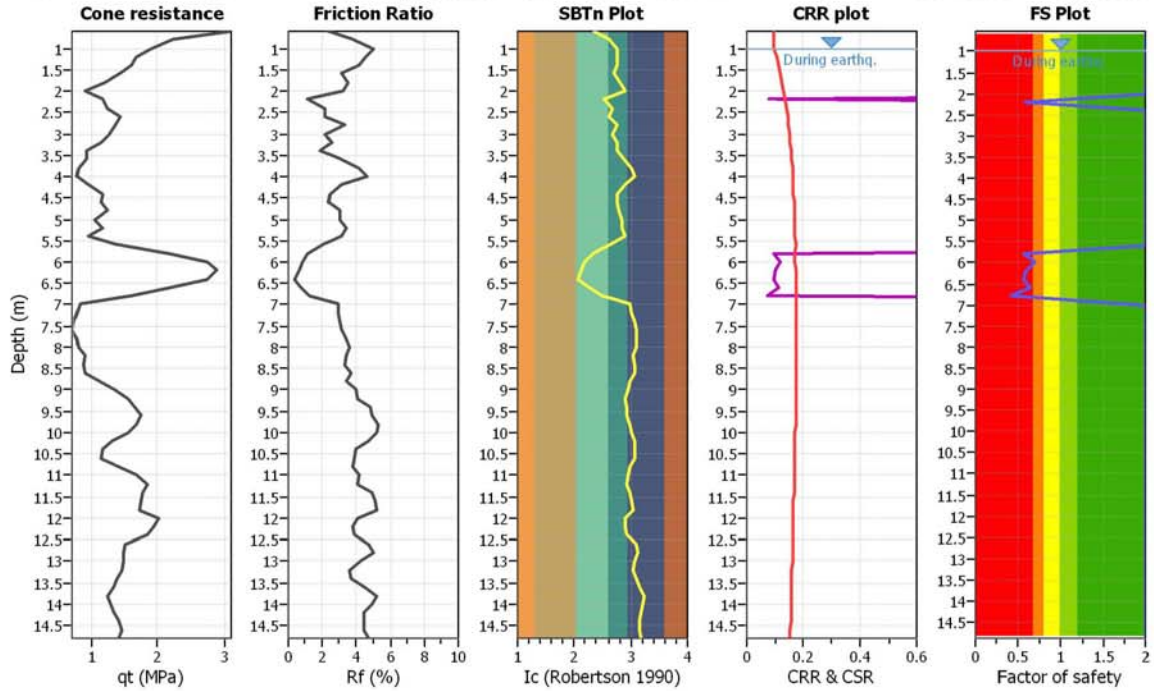
**Project title :**

**Location :**

**CPT file : 203010C107**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

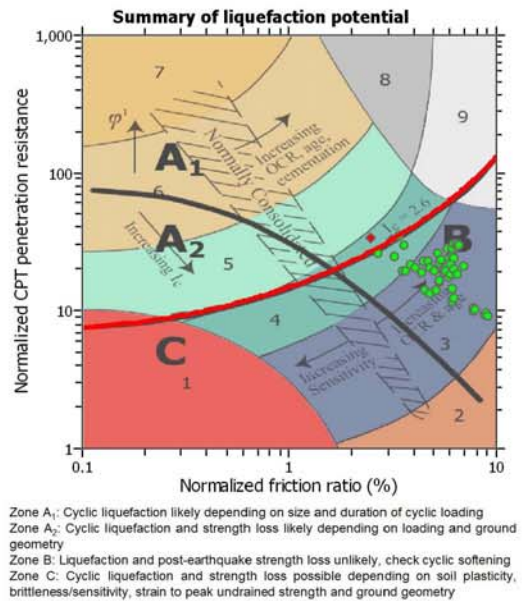
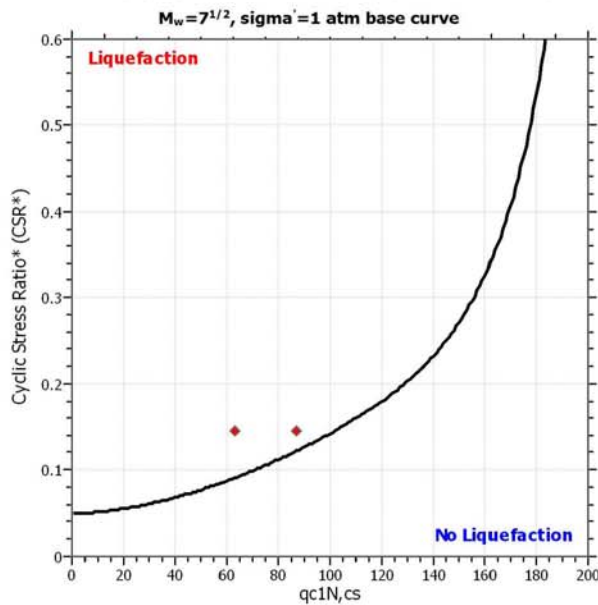
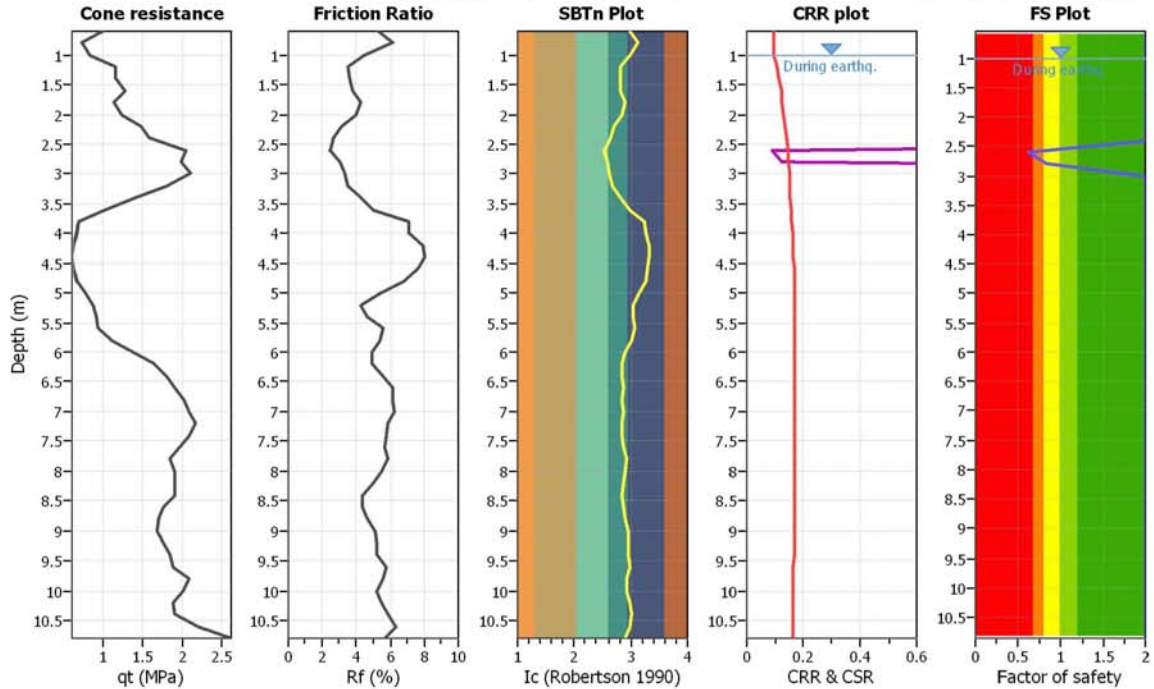
**Project title :**

**Location :**

**CPT file : 203010C108**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

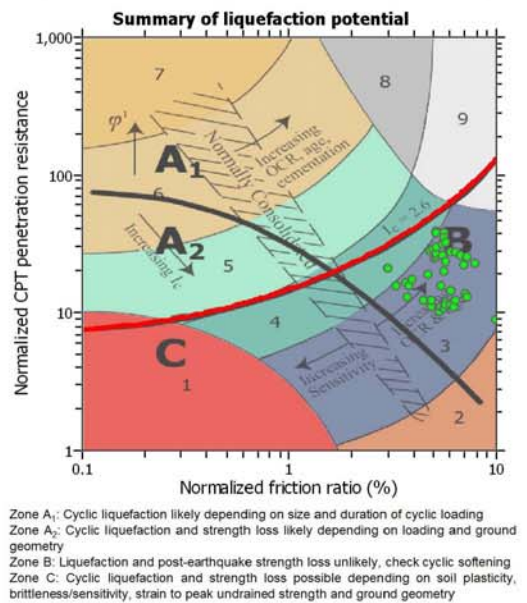
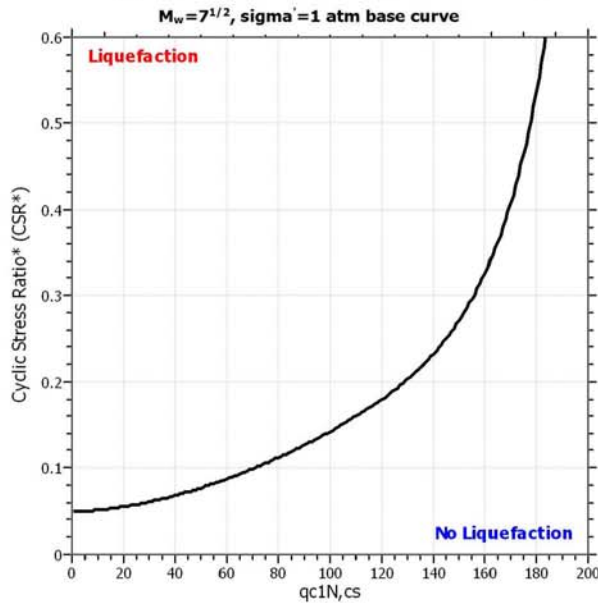
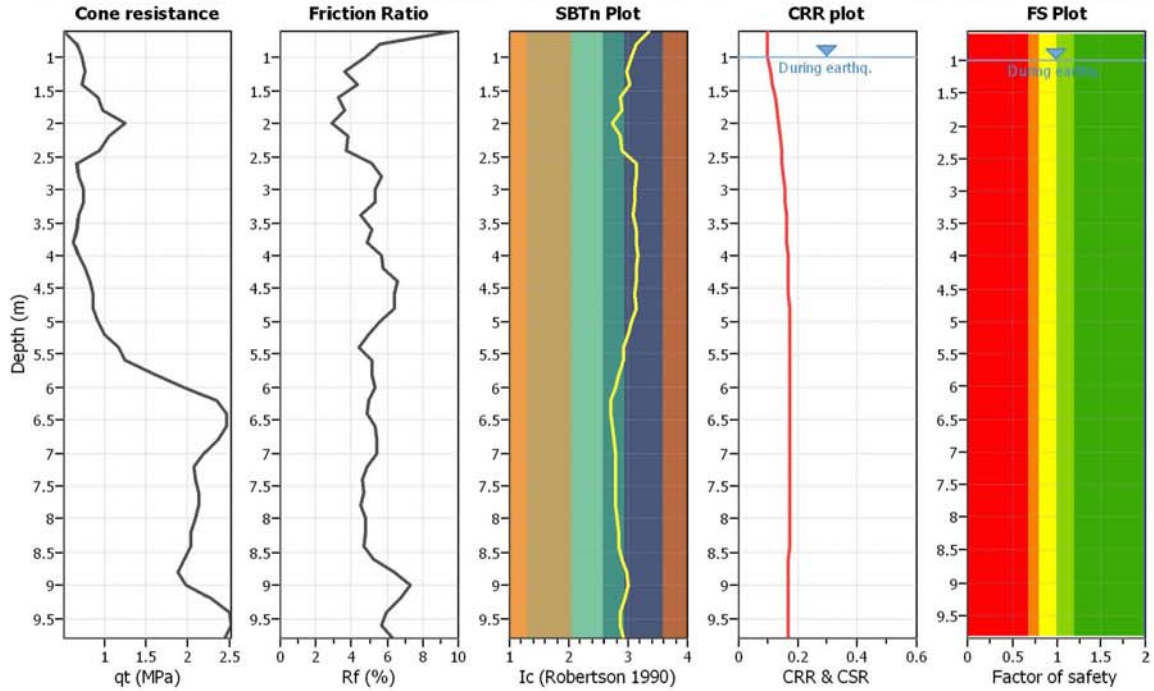
**Project title :**

**Location :**

**CPT file : 203010C109**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

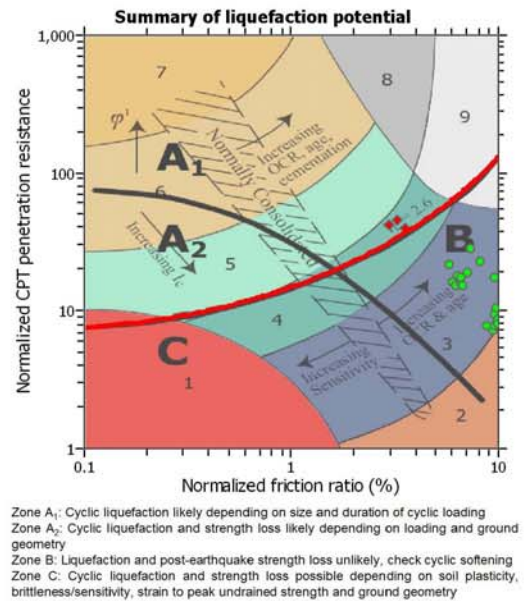
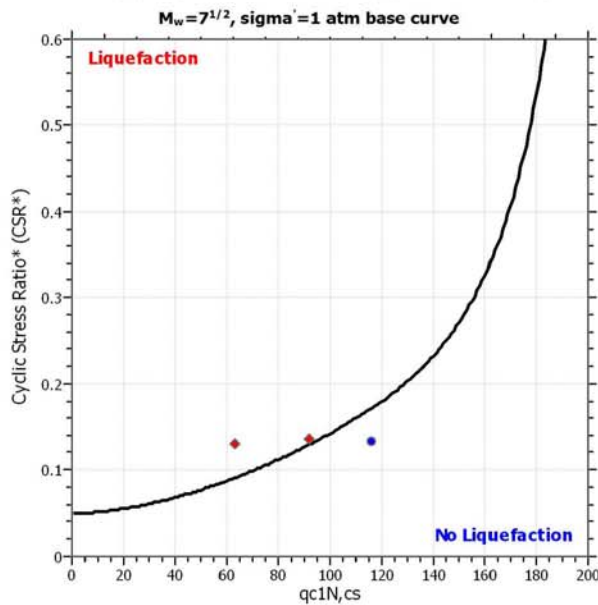
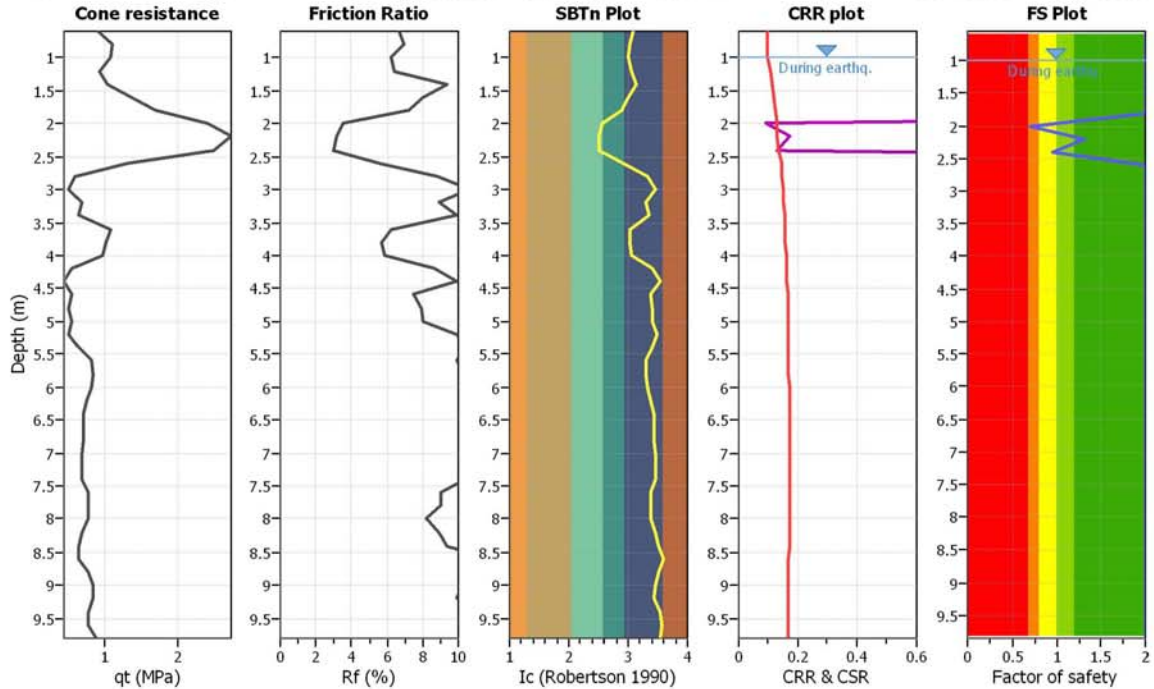
**Project title :**

**Location :**

**CPT file : 203010C110**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

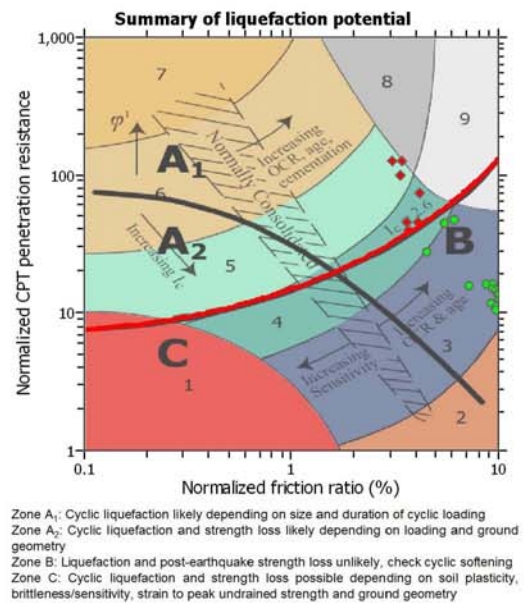
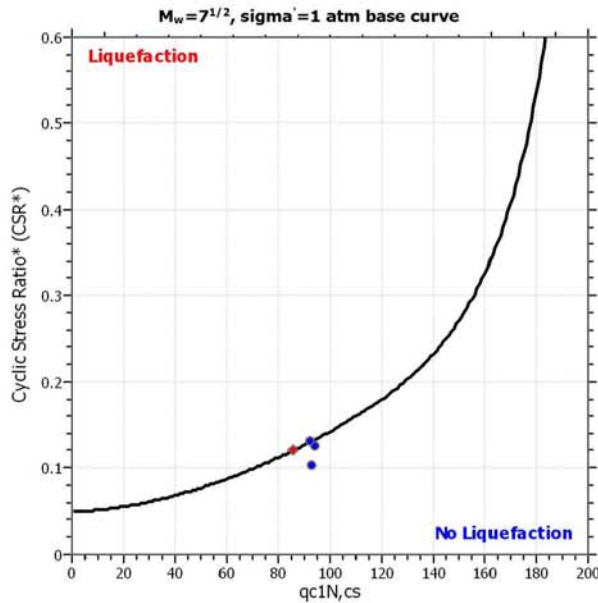
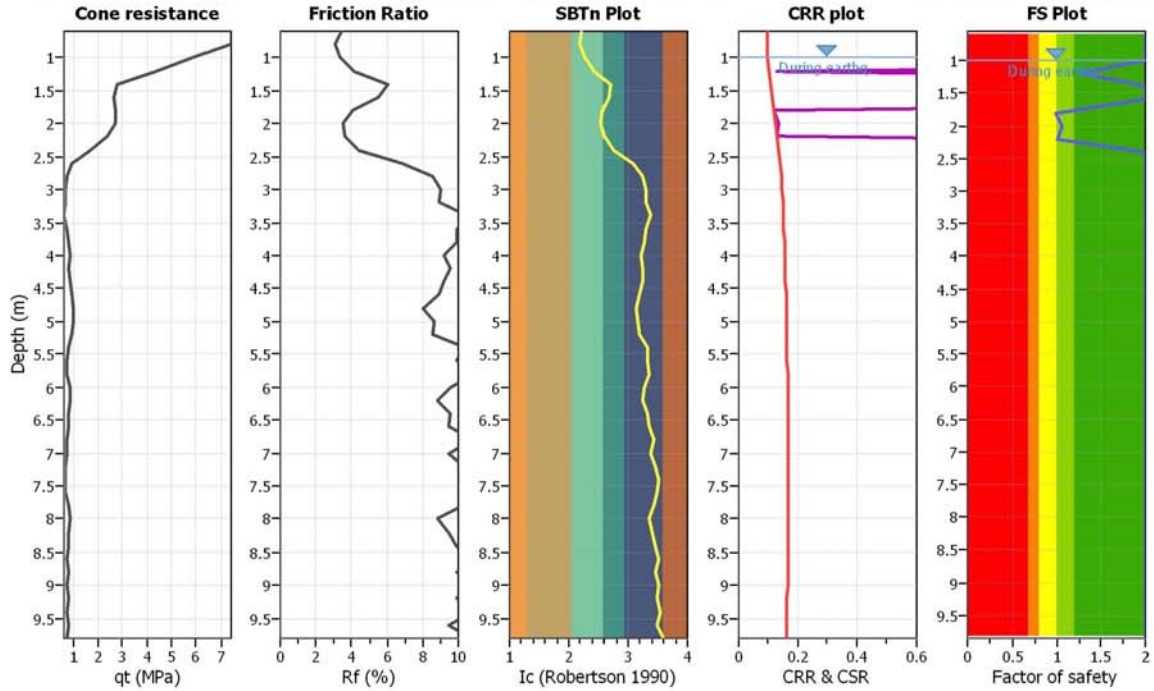
**Project title :**

**Location :**

**CPT file : 203010C111**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

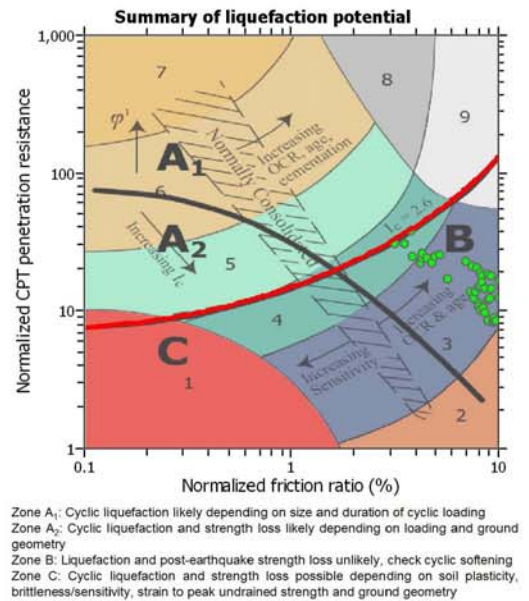
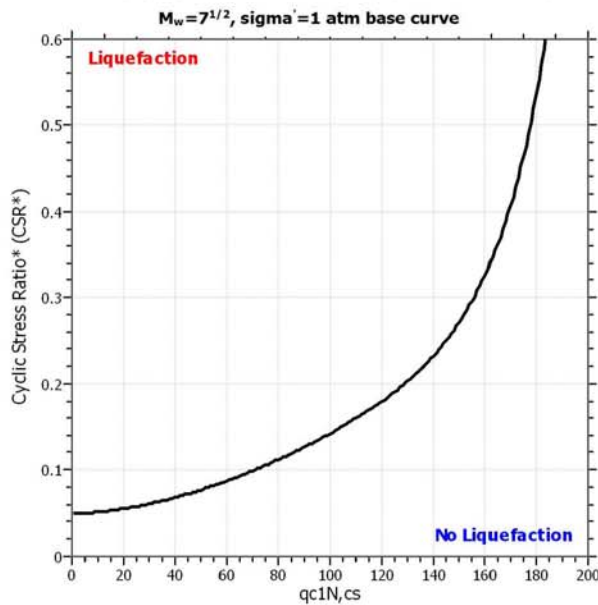
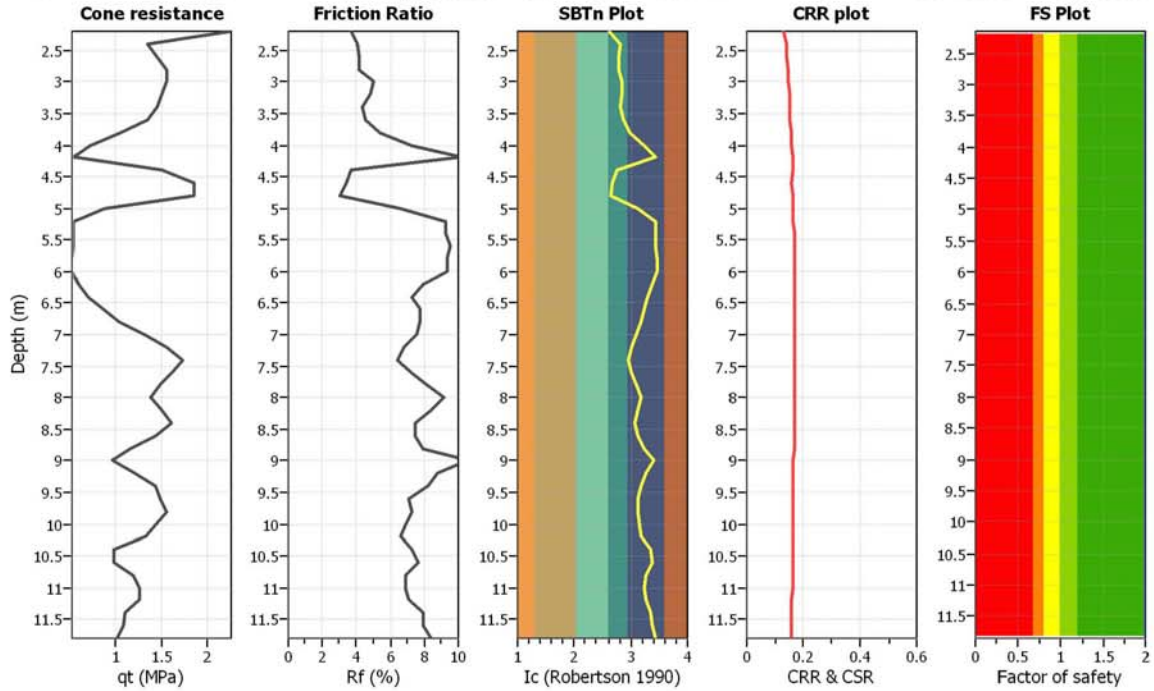
**Project title :**

**Location :**

**CPT file : 203010C112**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

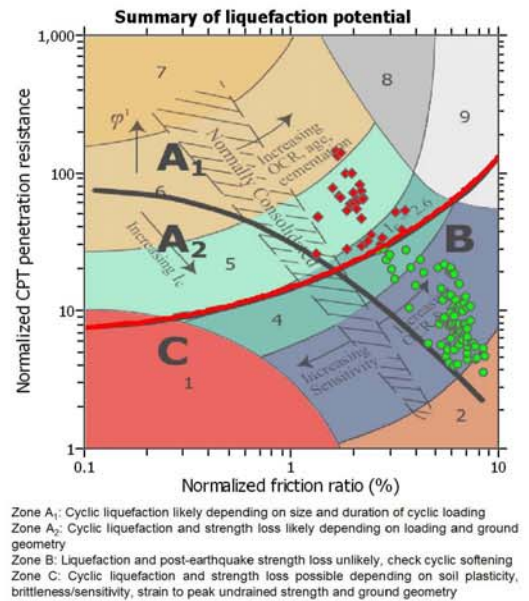
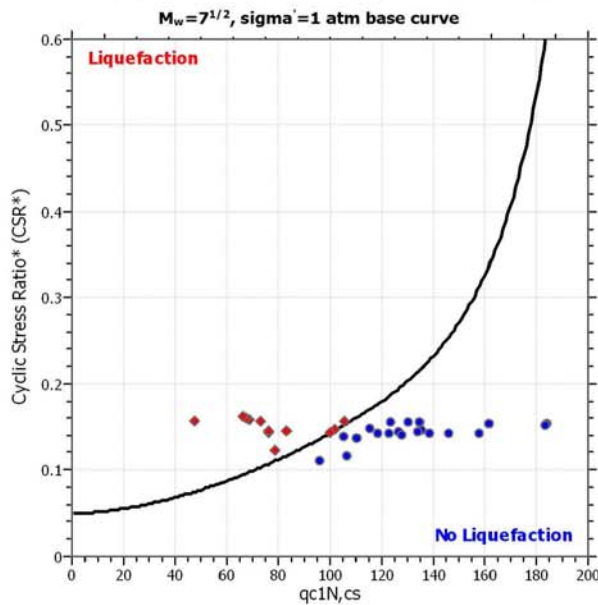
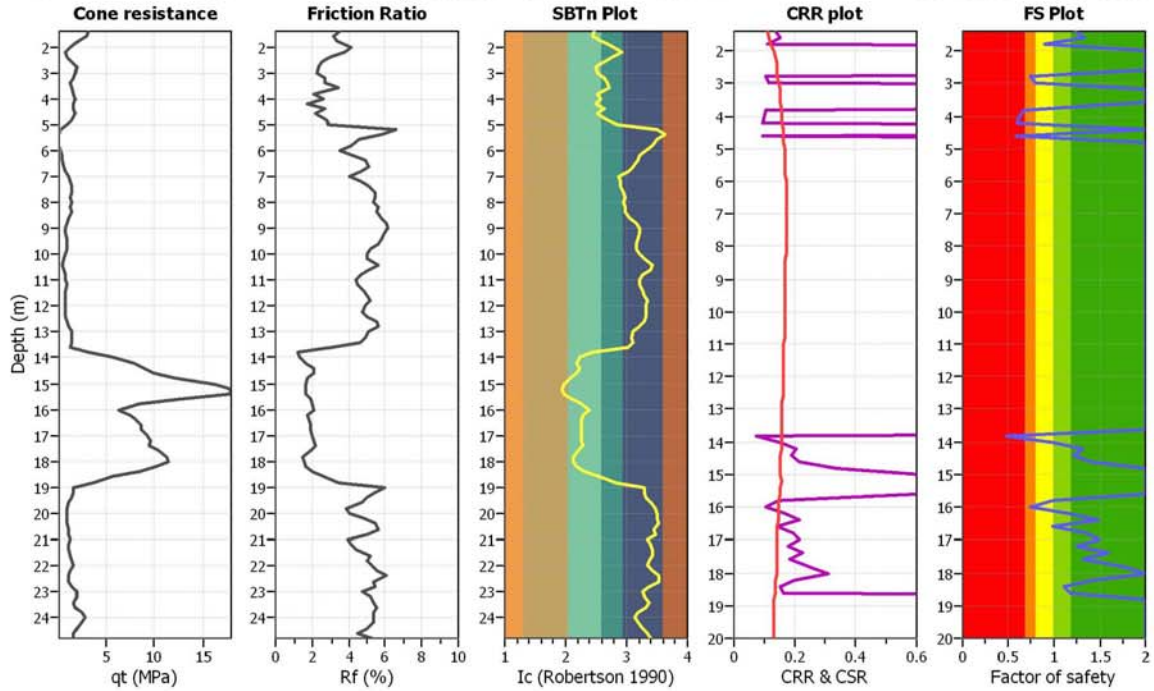
**Project title :**

**Location :**

**CPT file : 203010C113**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

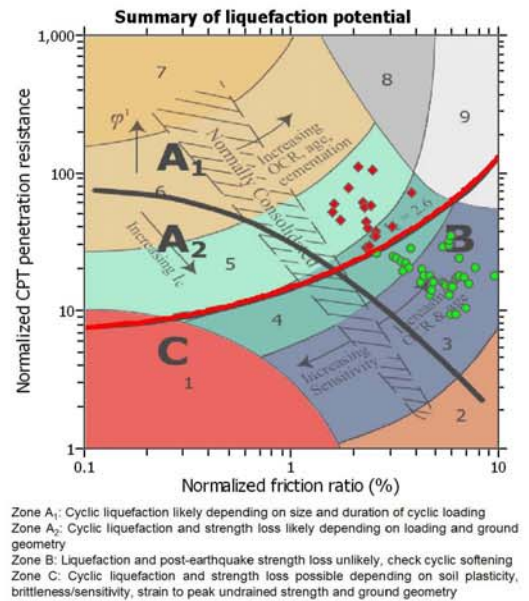
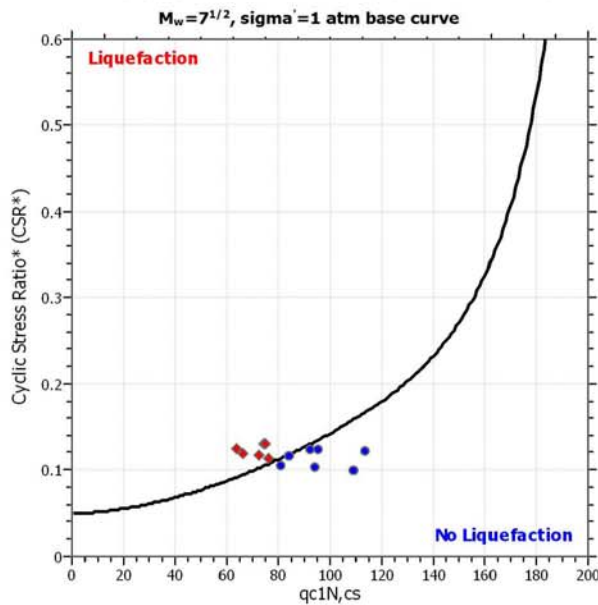
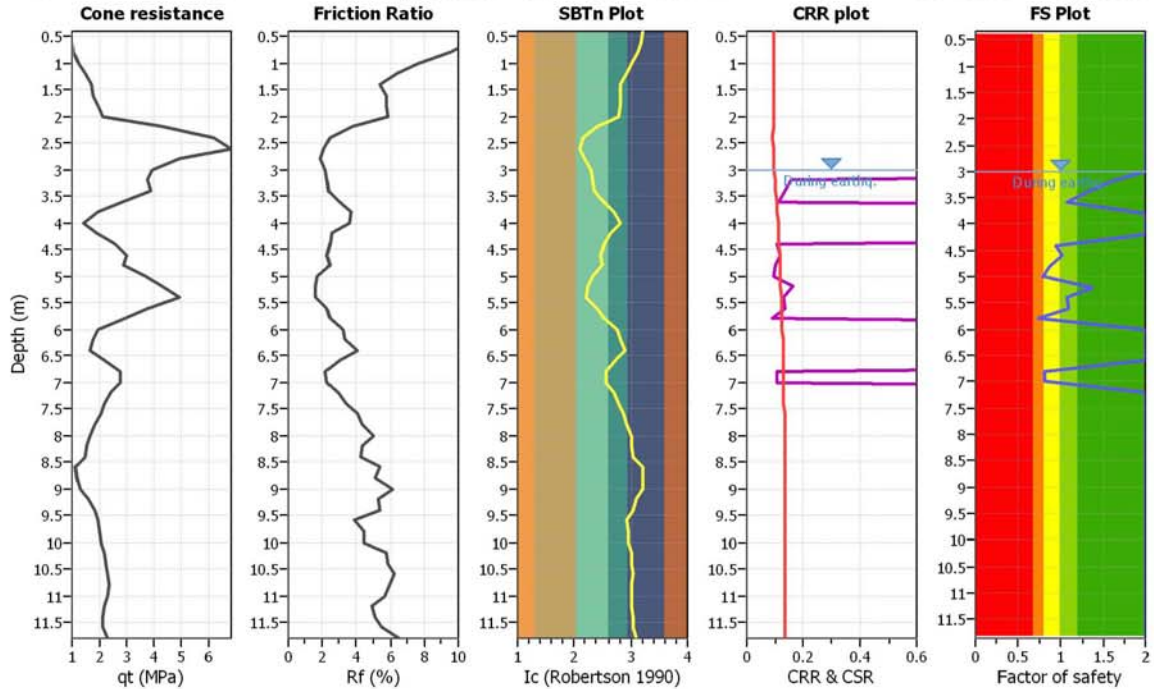
**Project title :**

**Location :**

**CPT file : 203010C114**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

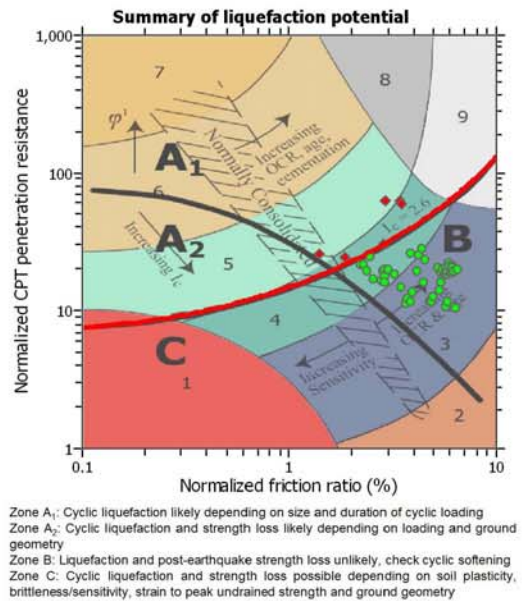
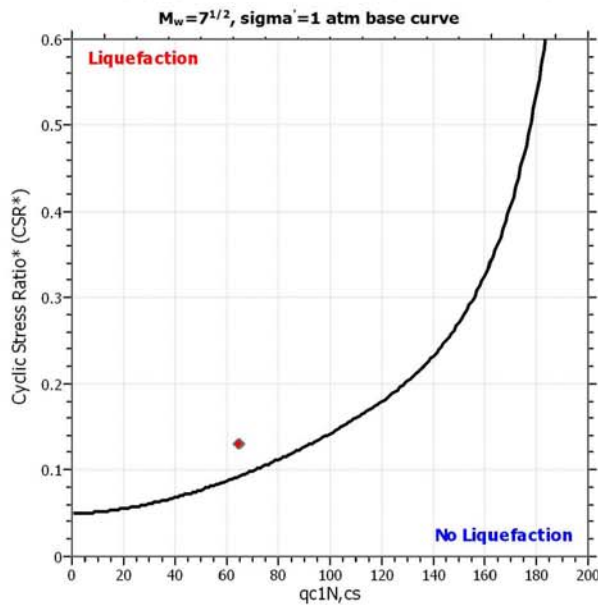
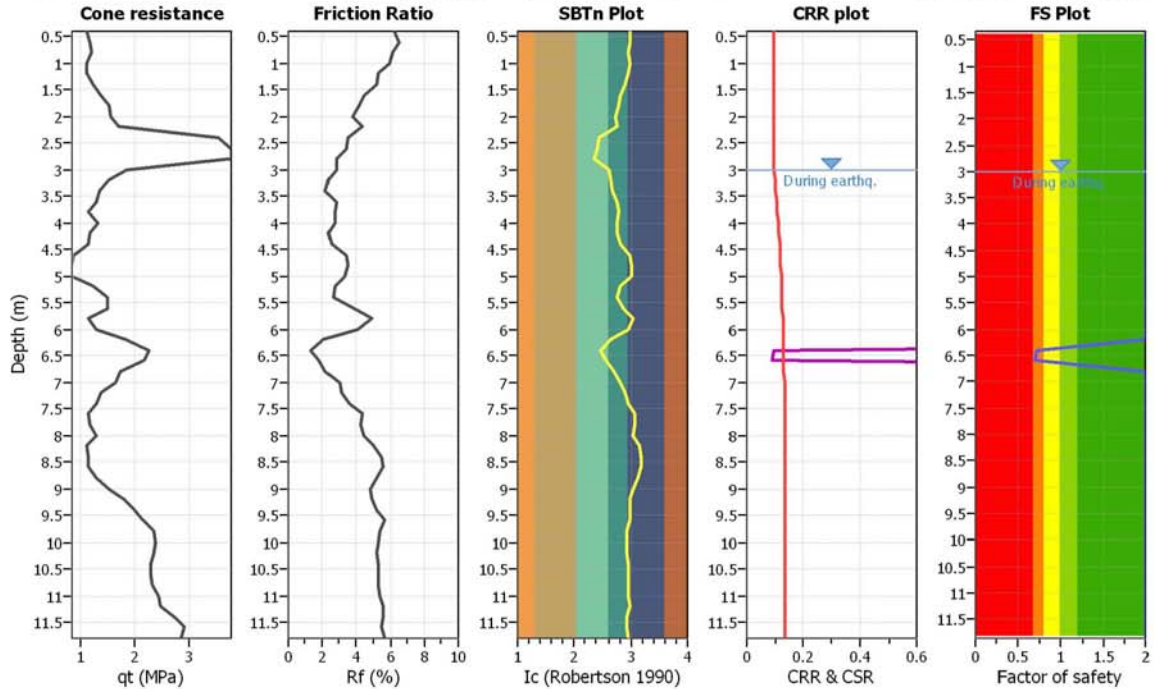
**Project title :**

**Location :**

**CPT file : 203010C115**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

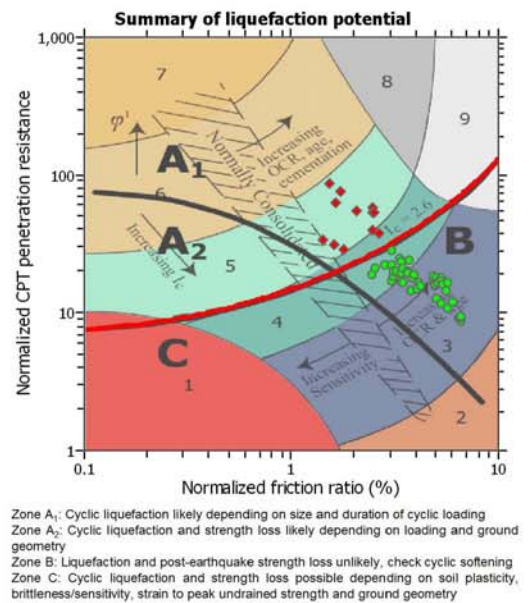
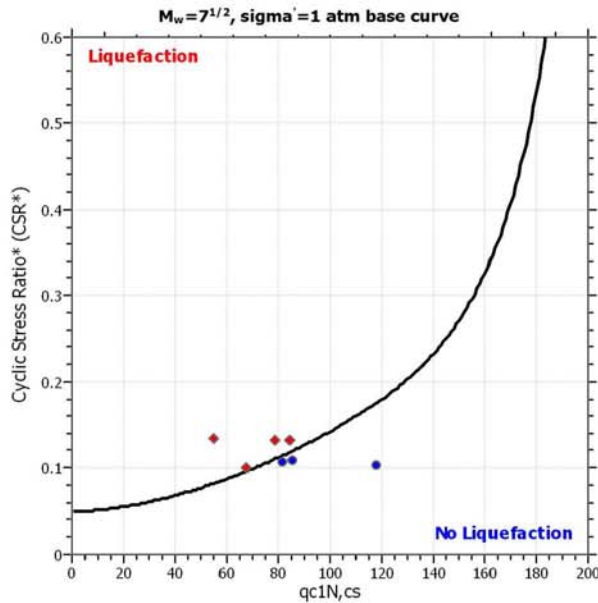
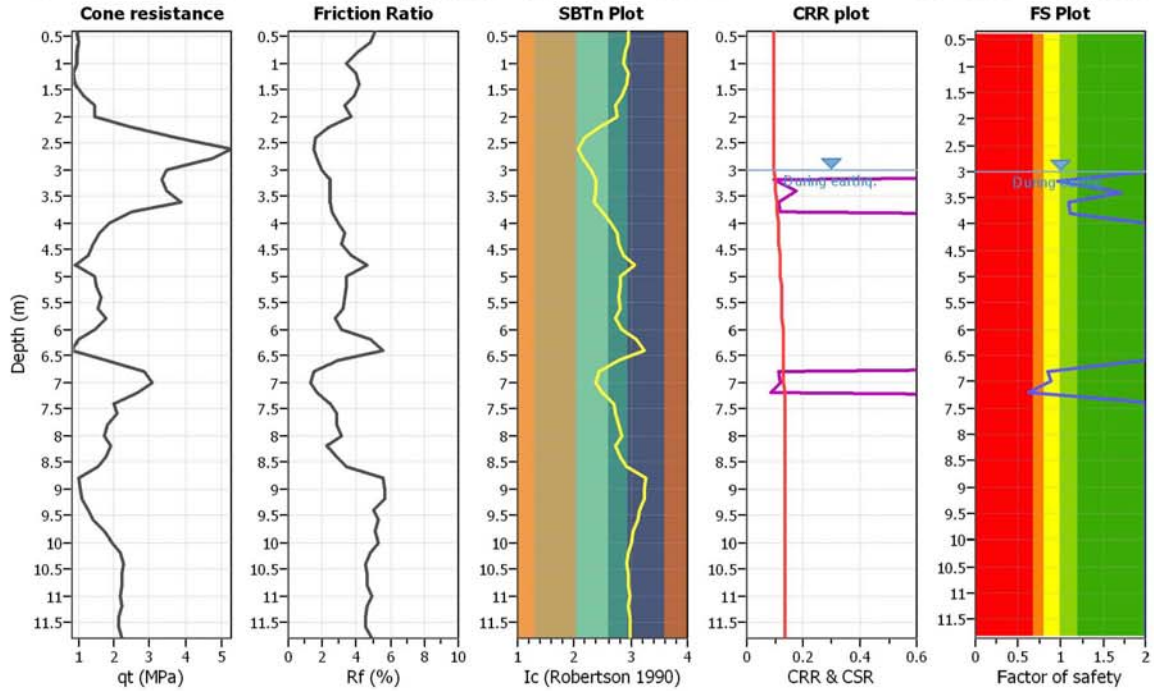
**Project title :**

**Location :**

**CPT file : 203010C116**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

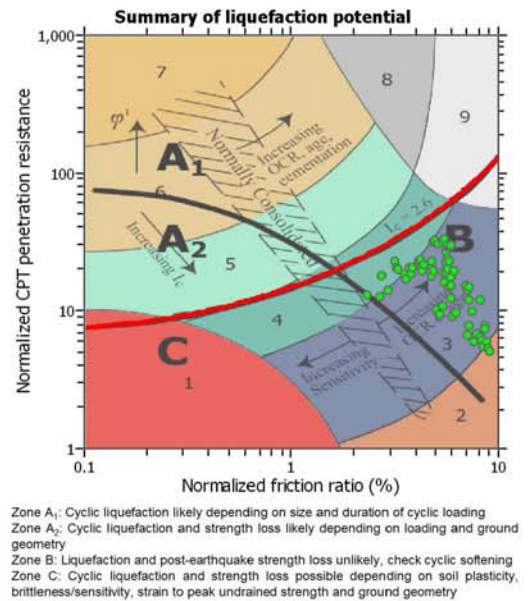
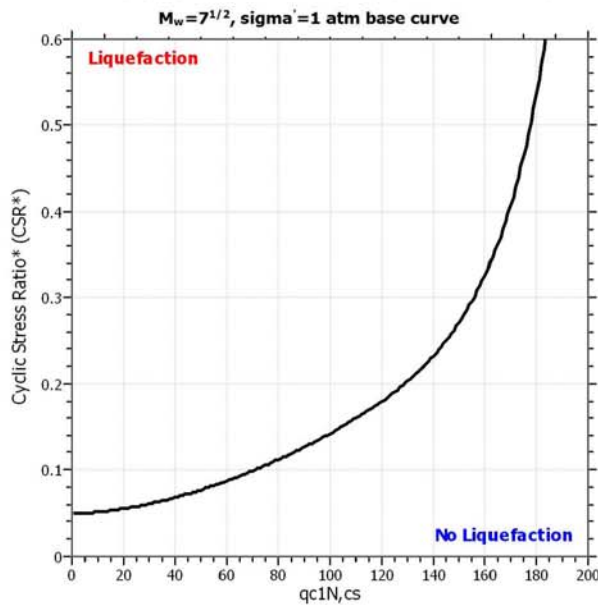
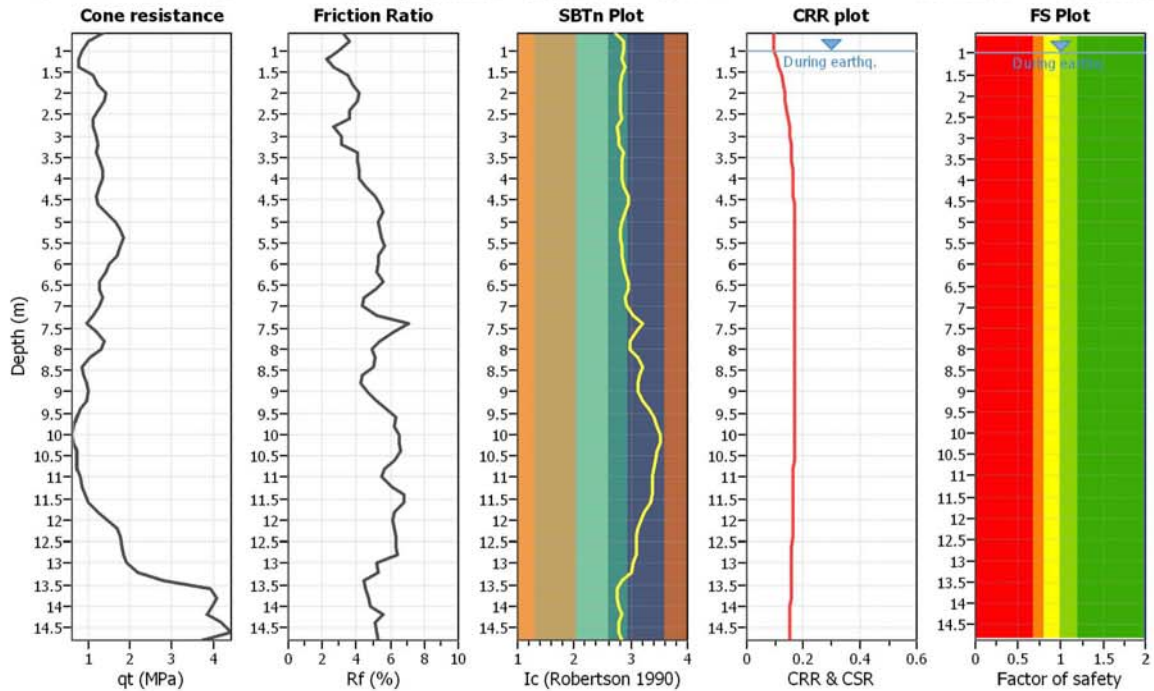
**Project title :**

**Location :**

**CPT file : 203010C117**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

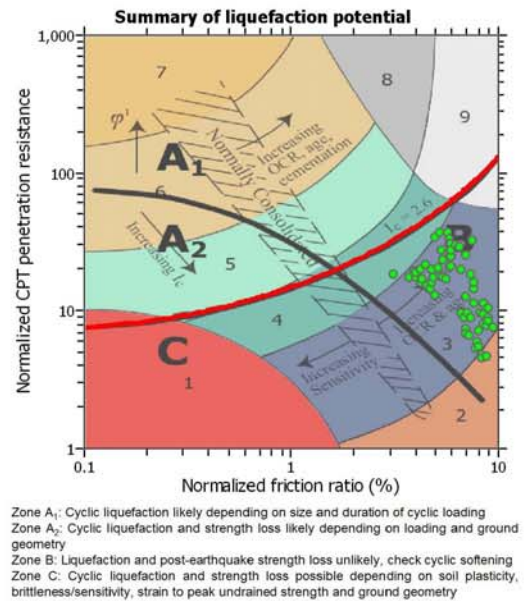
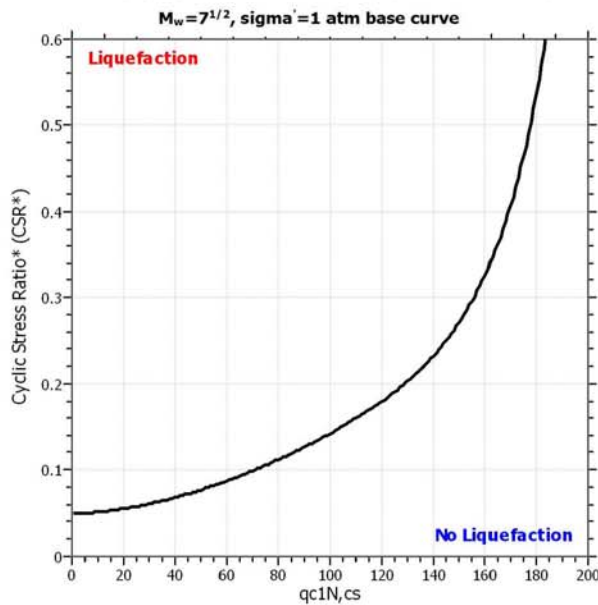
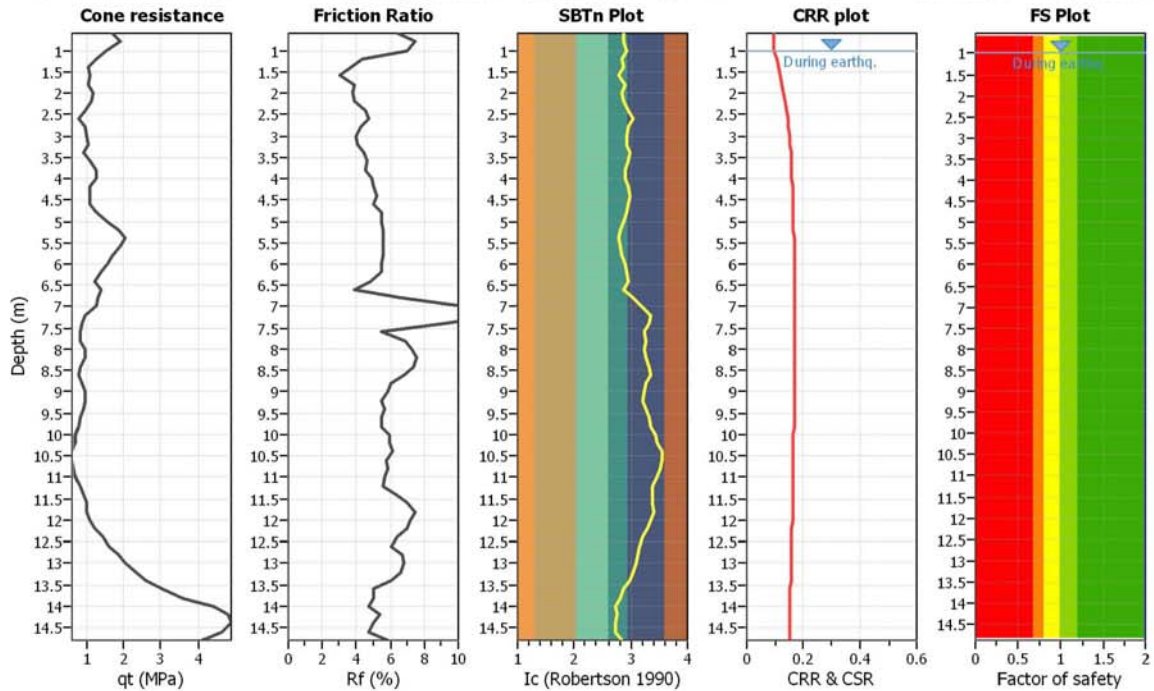
**Project title :**

**Location :**

**CPT file : 203010C118**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

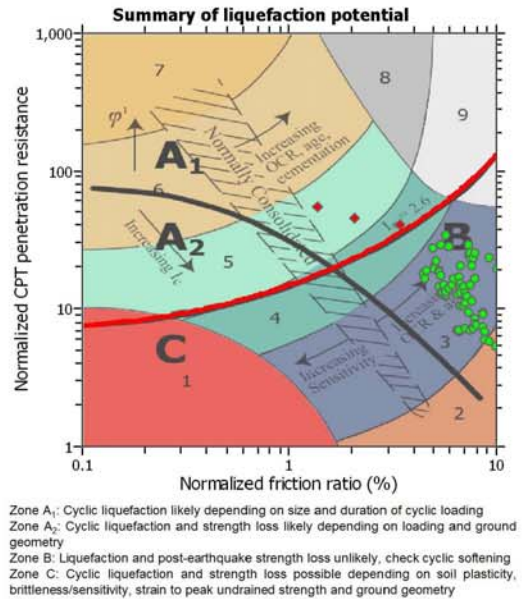
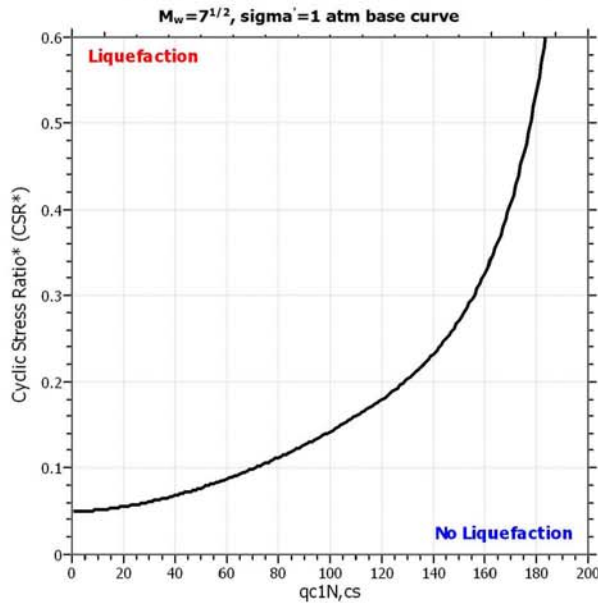
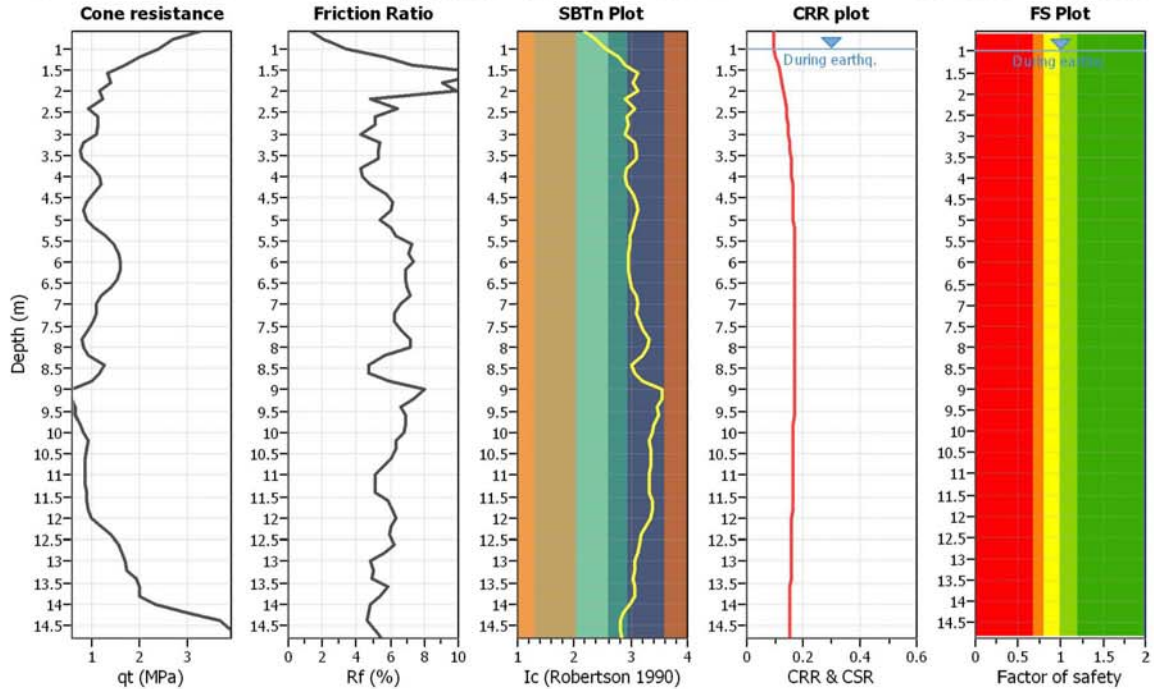
**Project title :**

**Location :**

**CPT file : 203010C119**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

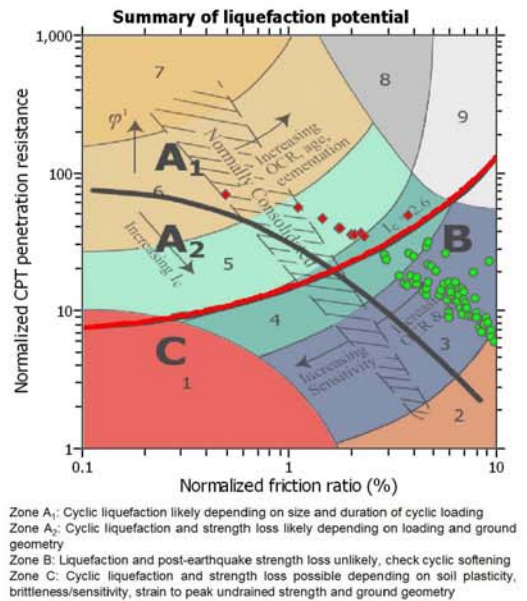
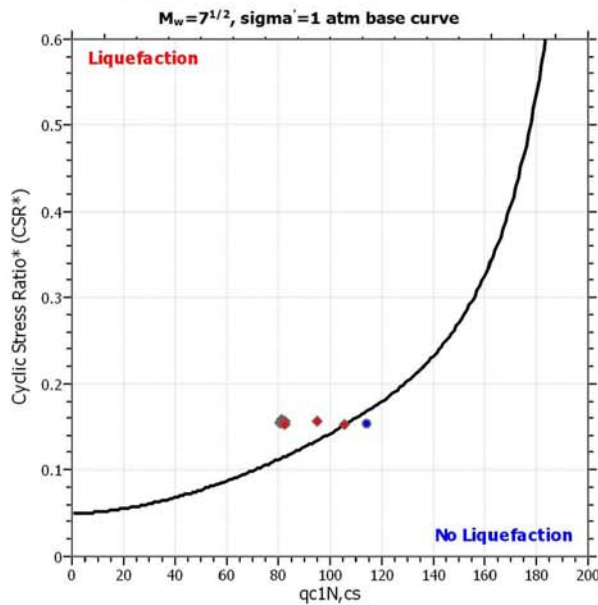
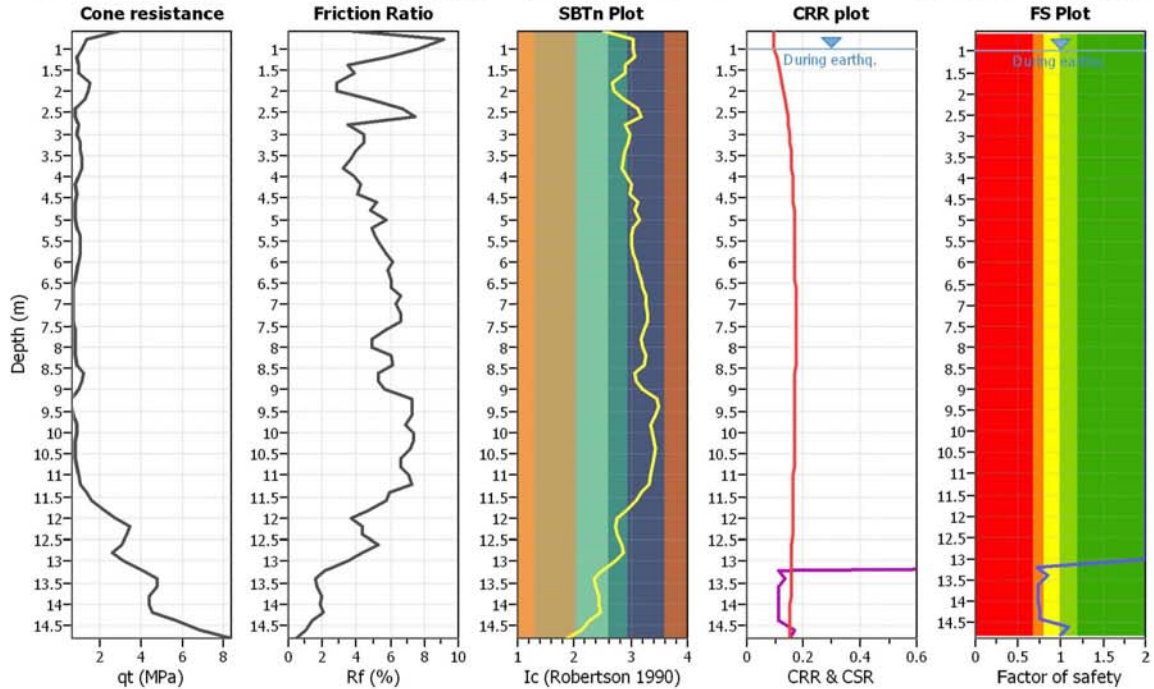
**Project title :**

**Location :**

**CPT file : 203010C120**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

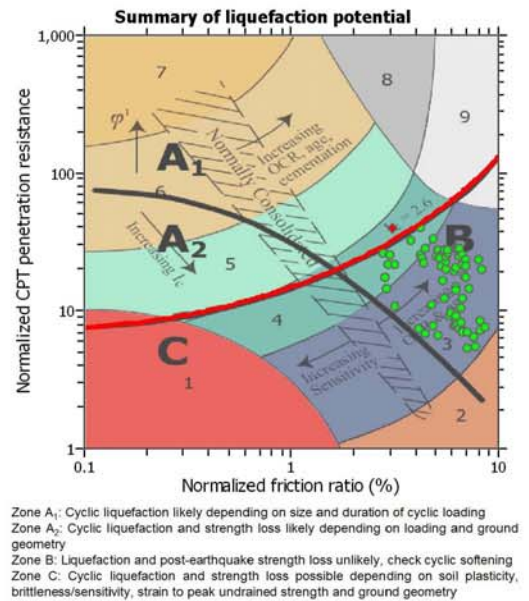
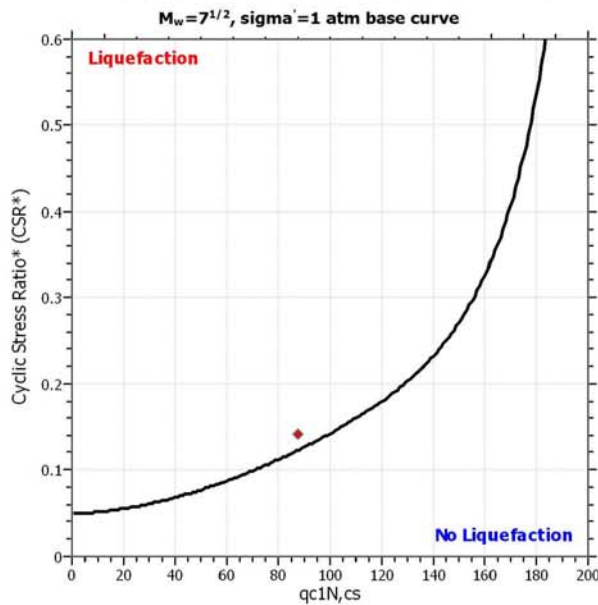
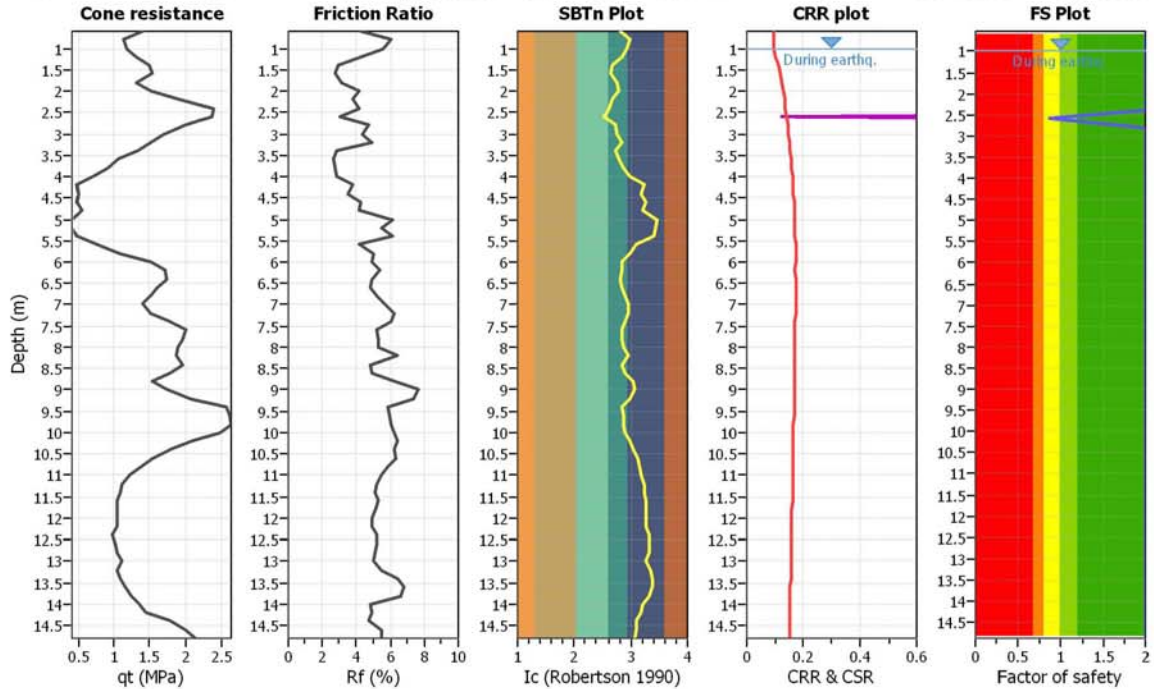
**Project title :**

**Location :**

**CPT file : 203010C121**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

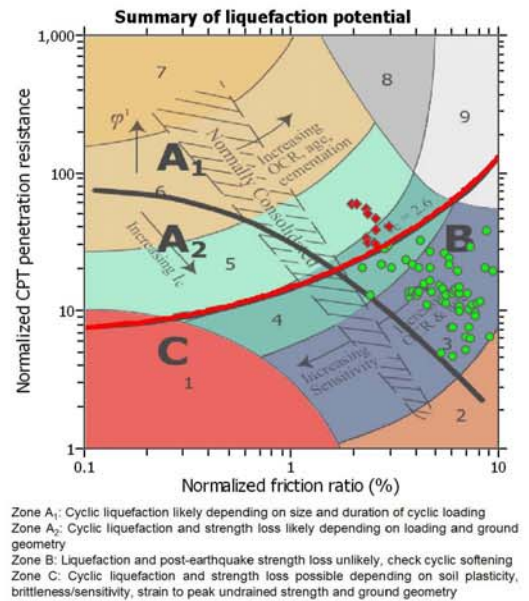
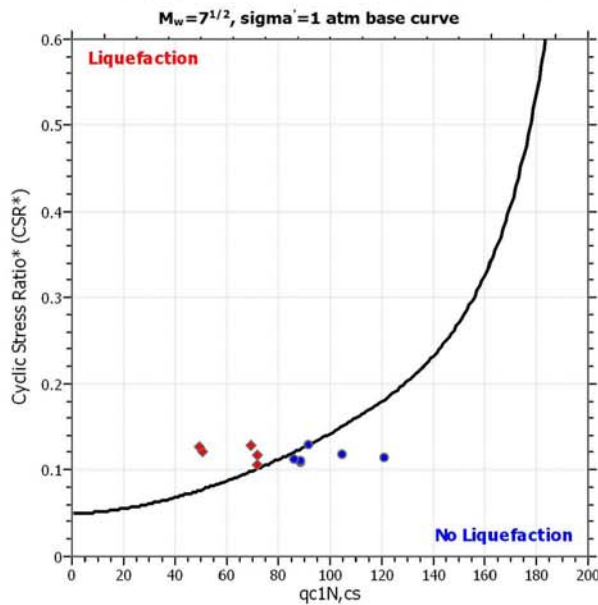
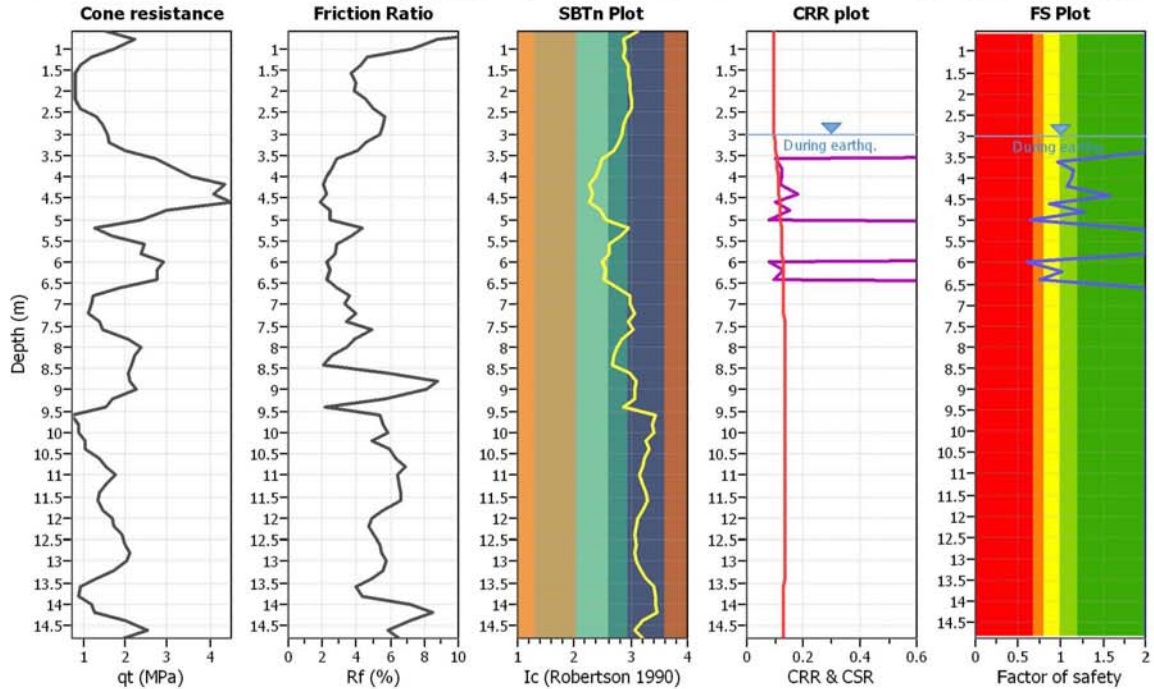
**Project title :**

**Location :**

**CPT file : 203010C122**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

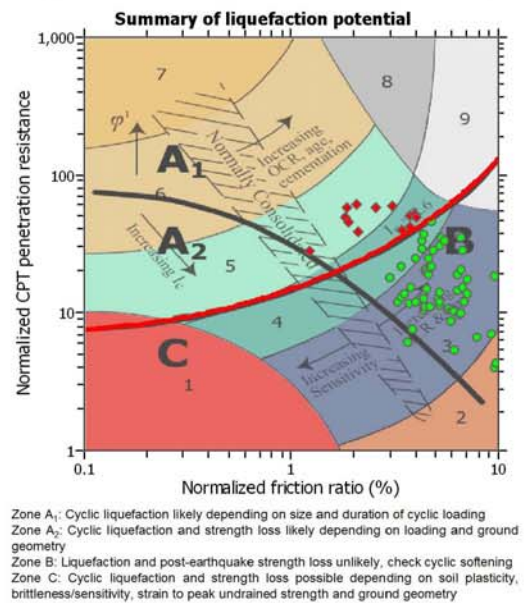
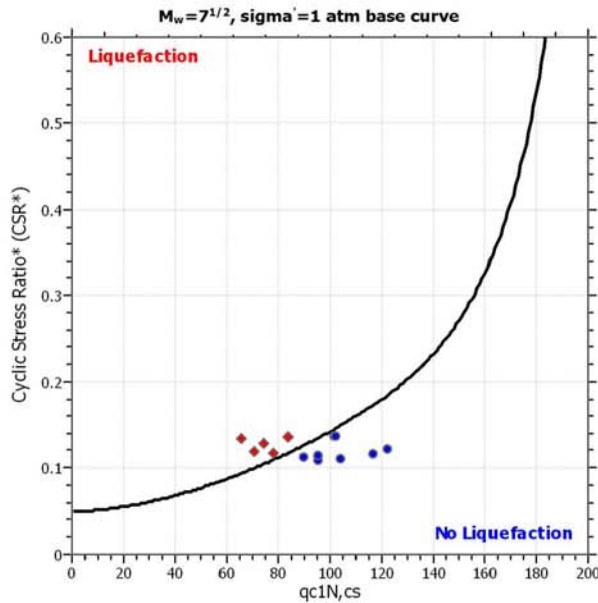
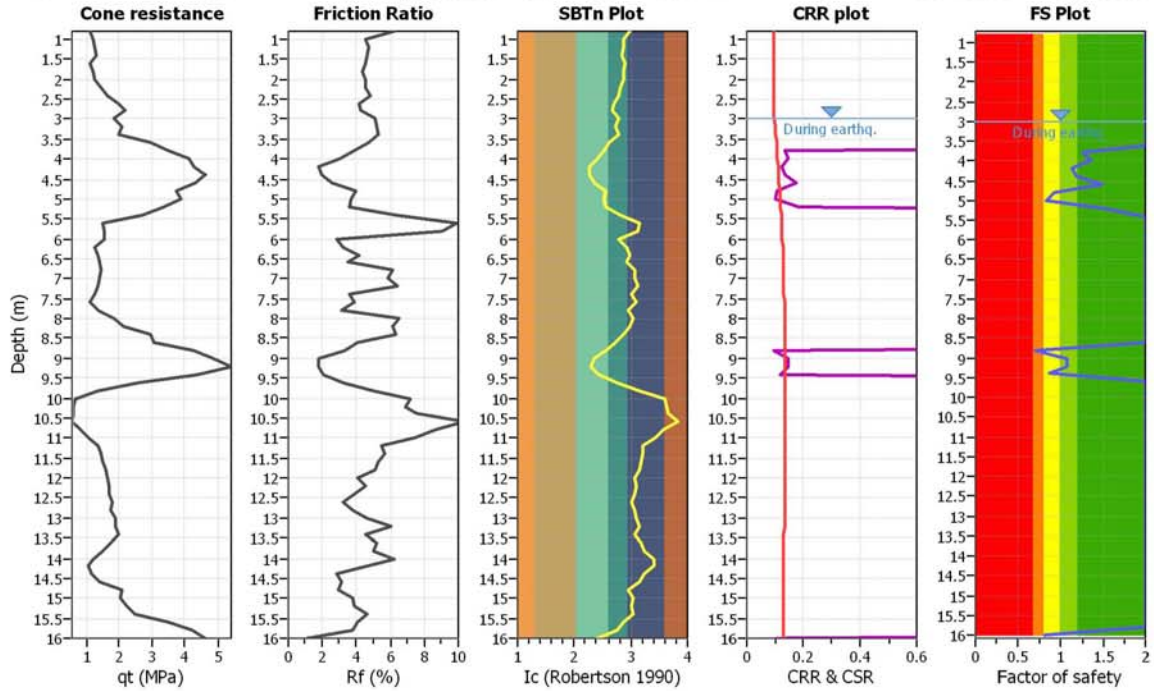
**Project title :**

**Location :**

**CPT file : 203010C123**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

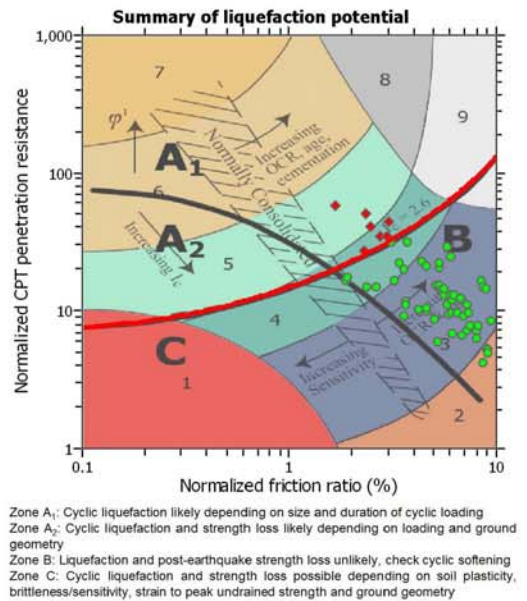
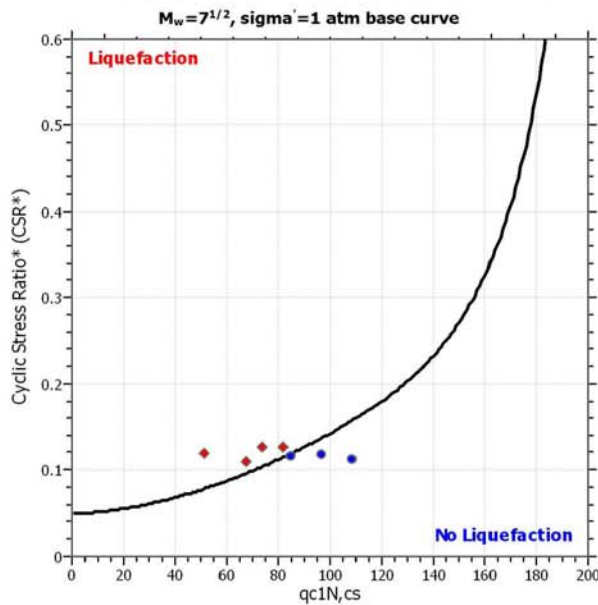
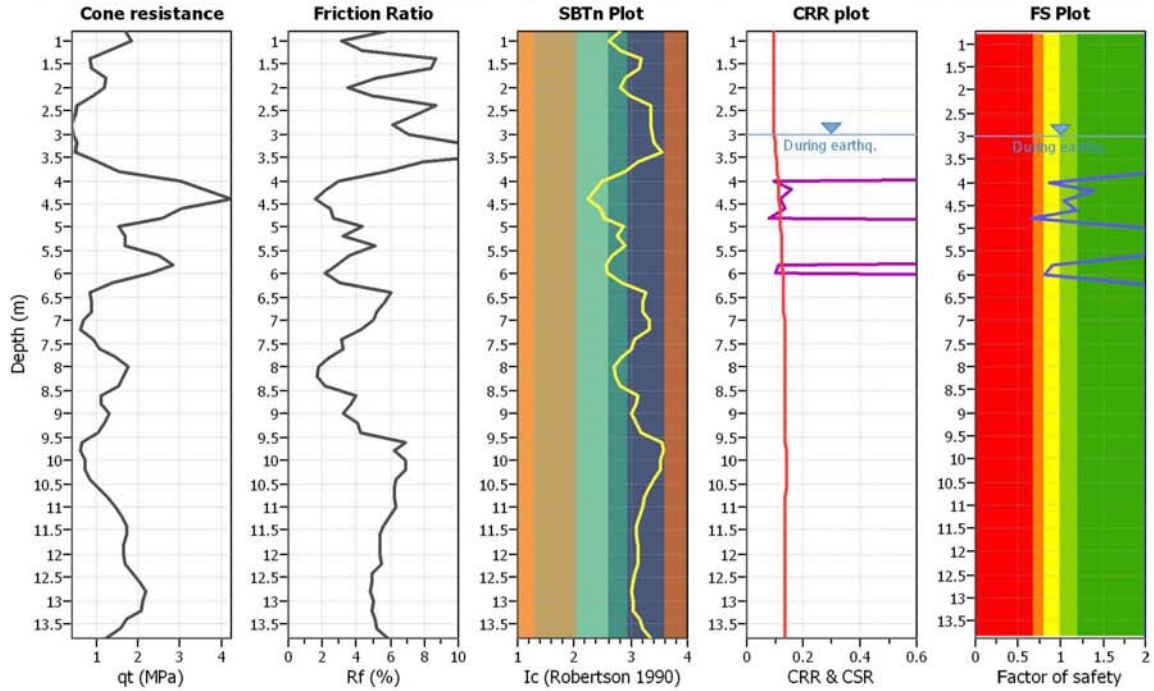
**Project title :**

**Location :**

**CPT file : 203010C124**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

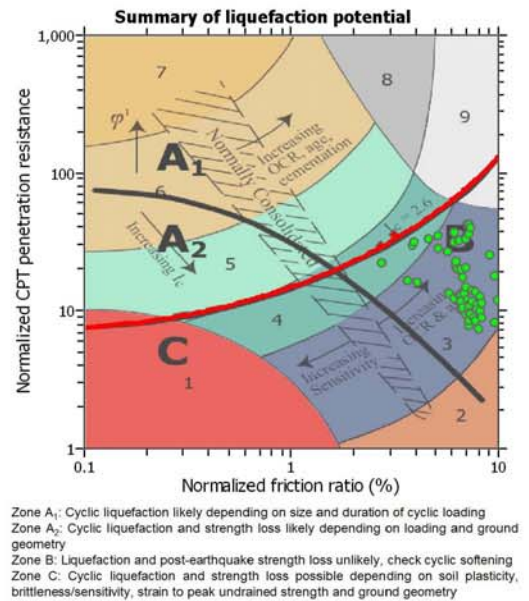
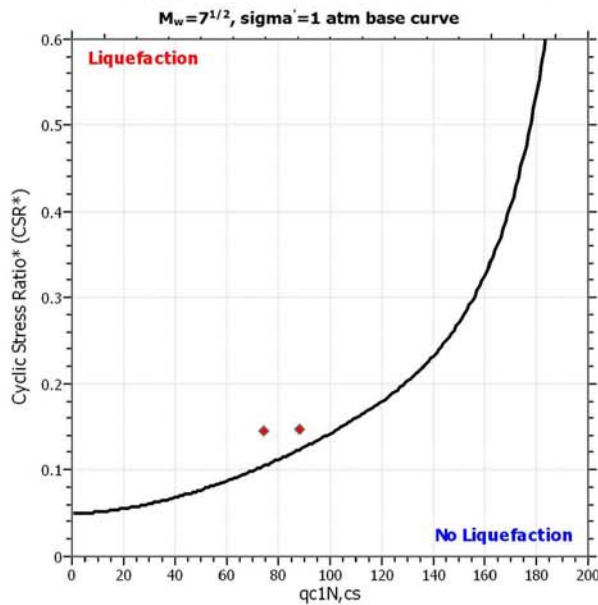
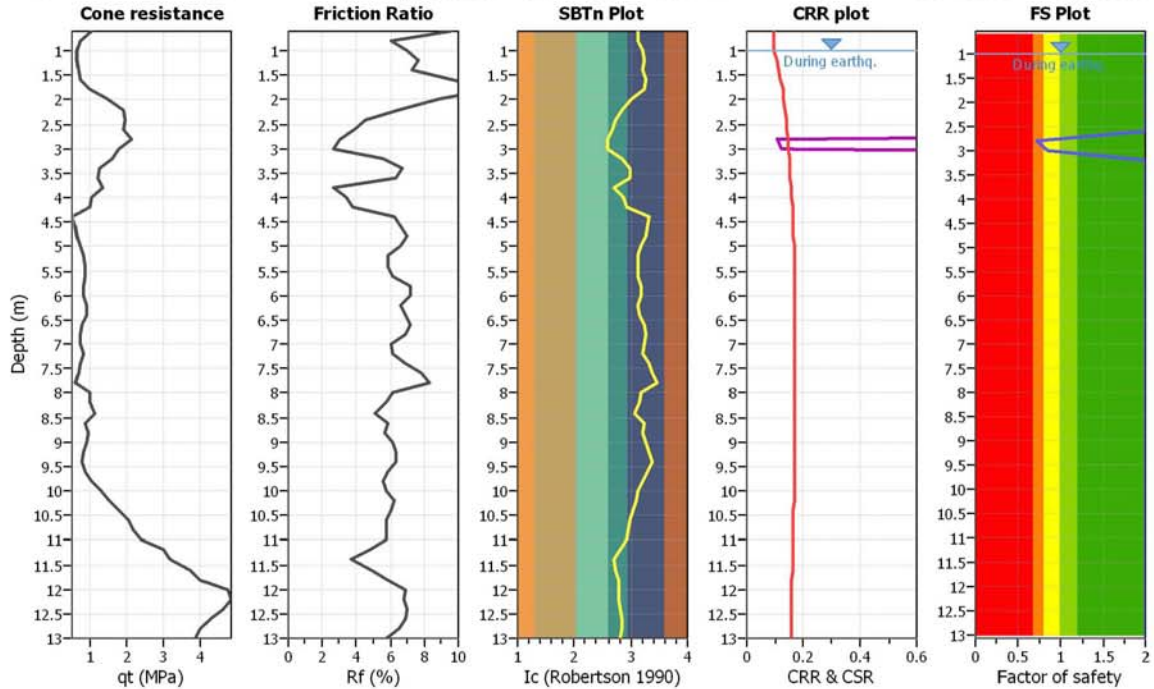
**Project title :**

**Location :**

**CPT file : 203010C125**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

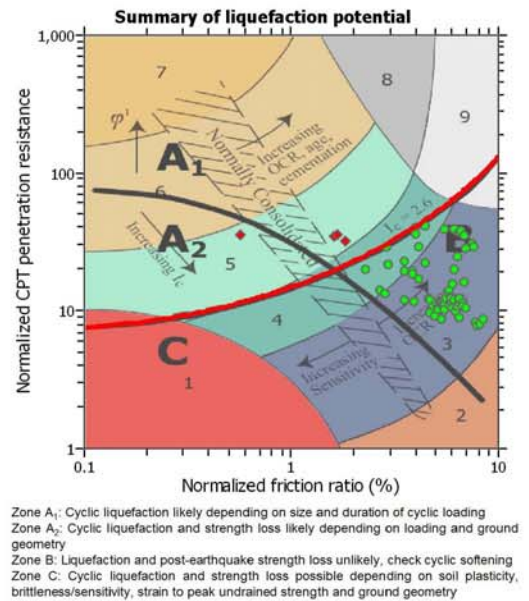
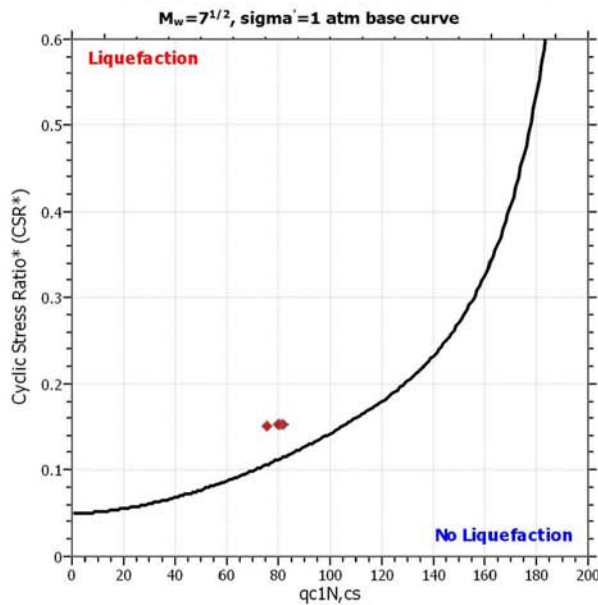
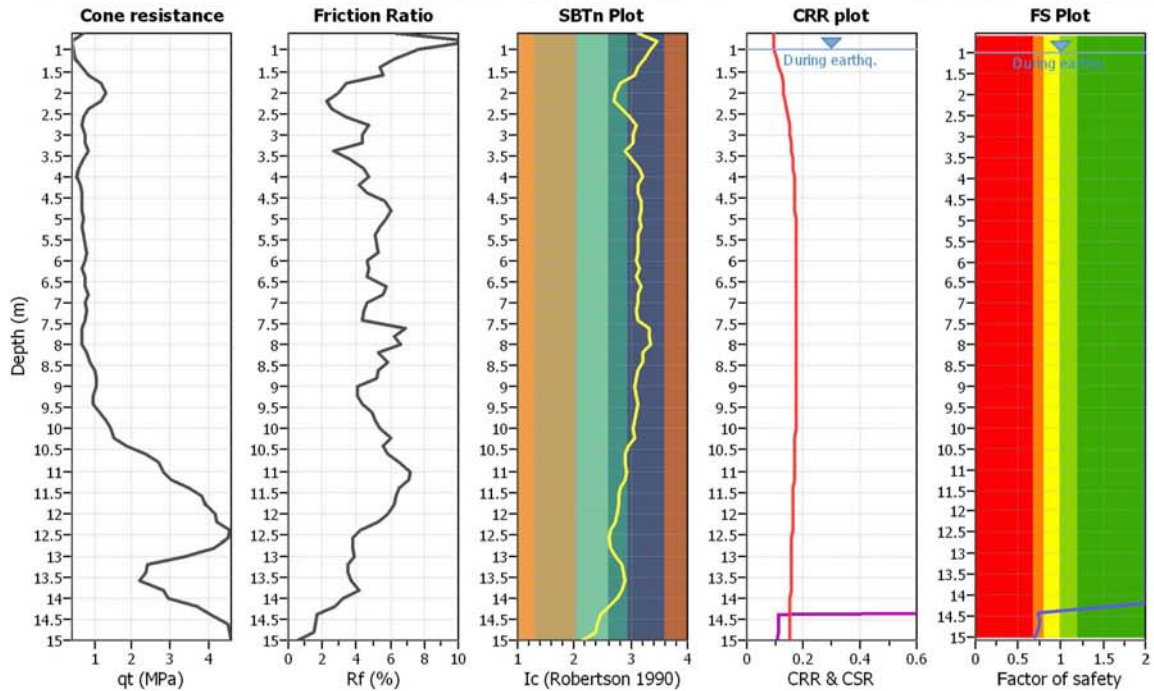
**Project title :**

**Location :**

**CPT file : 203010C126**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

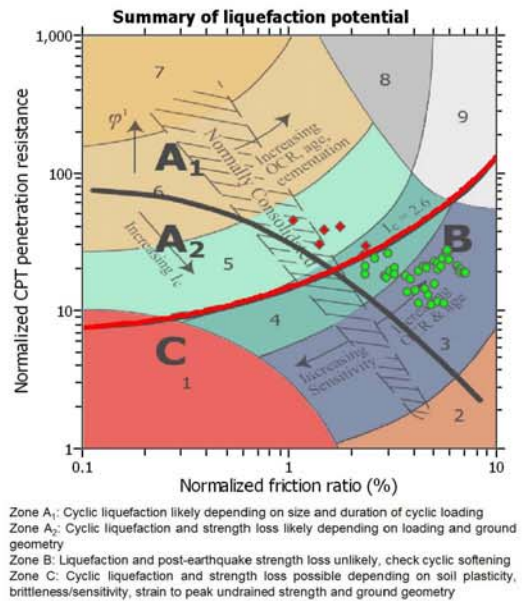
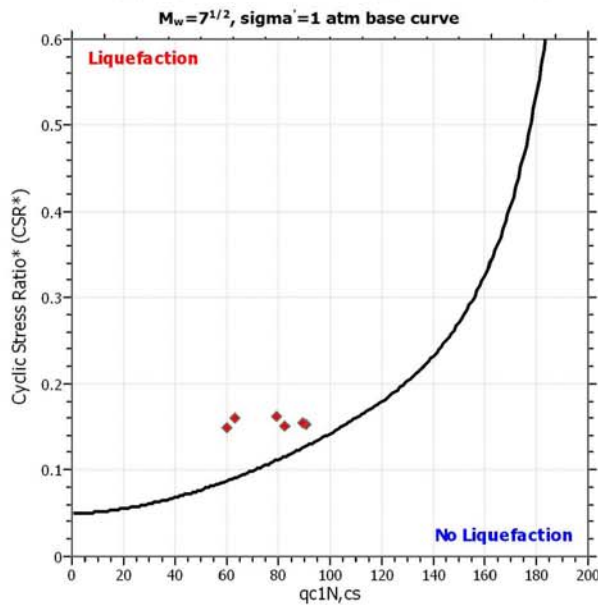
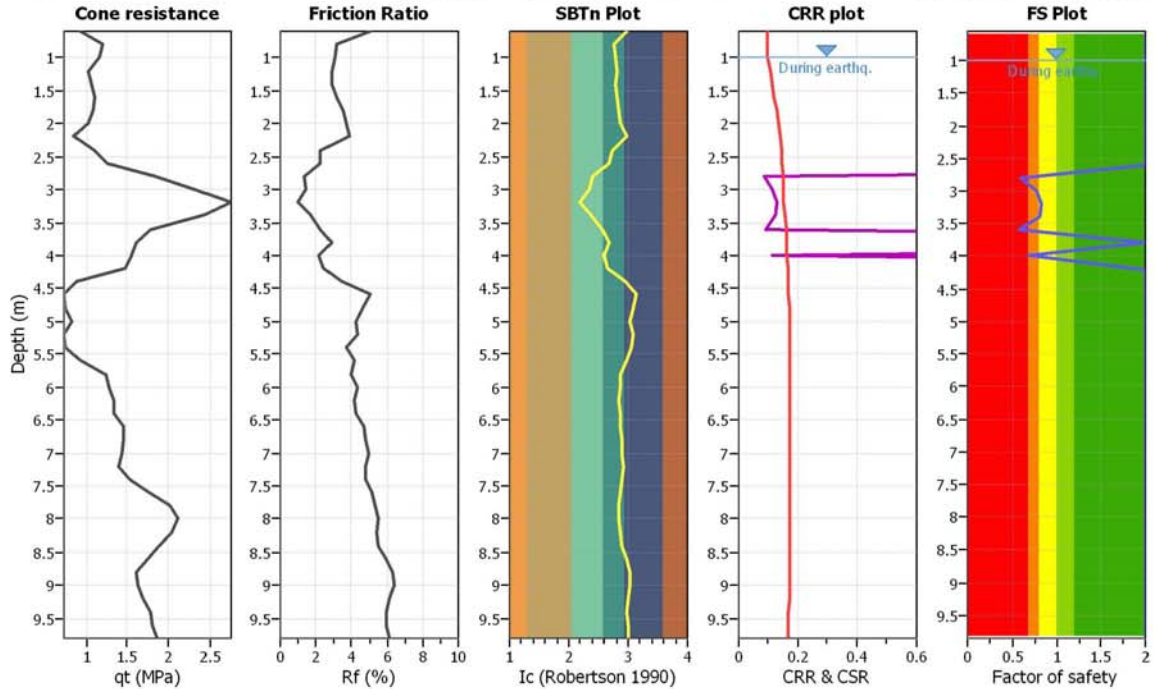
**Project title :**

**Location :**

**CPT file : 203010C127**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

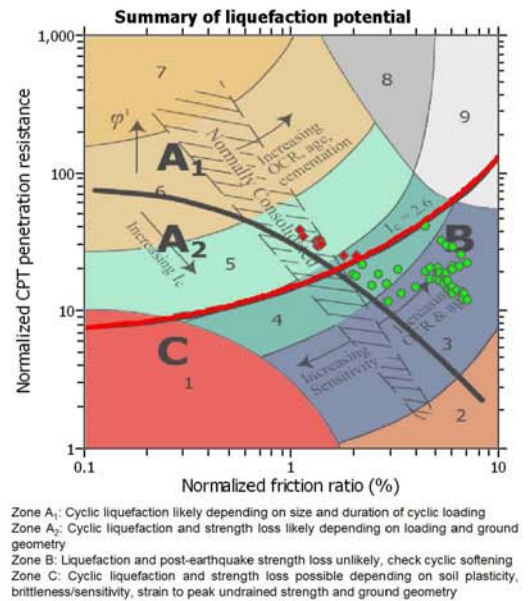
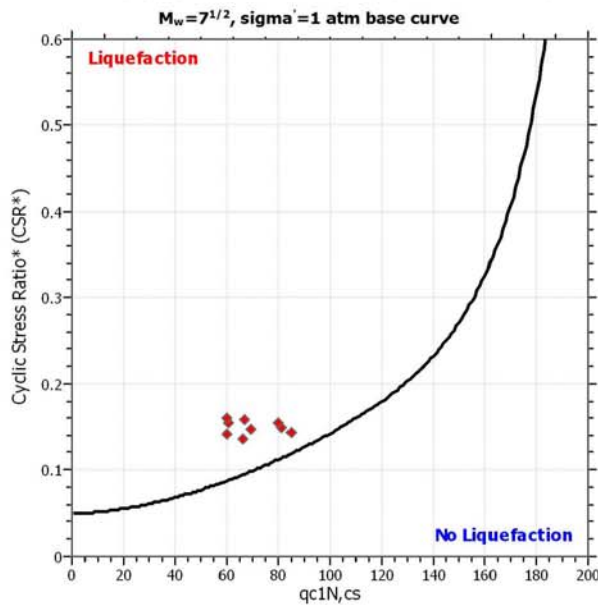
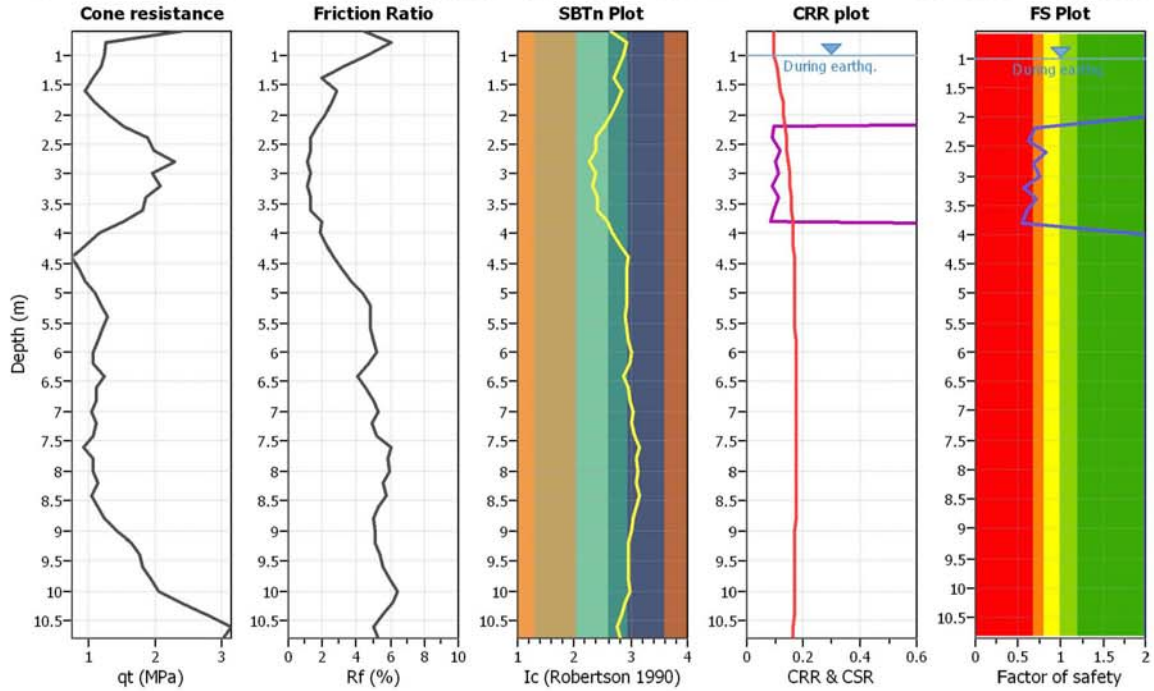
**Project title :**

**Location :**

**CPT file : 203010C128**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

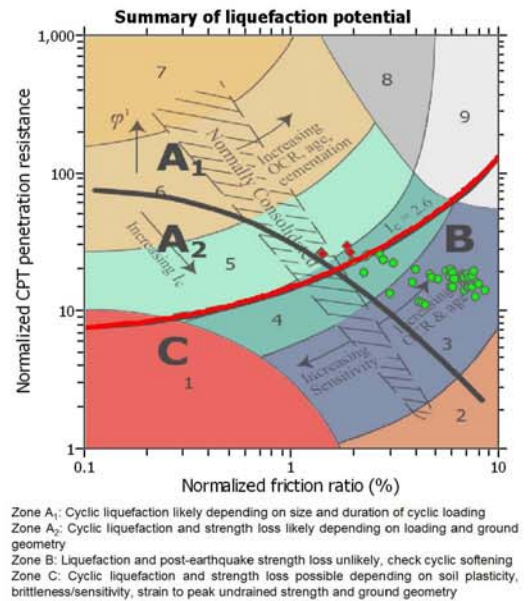
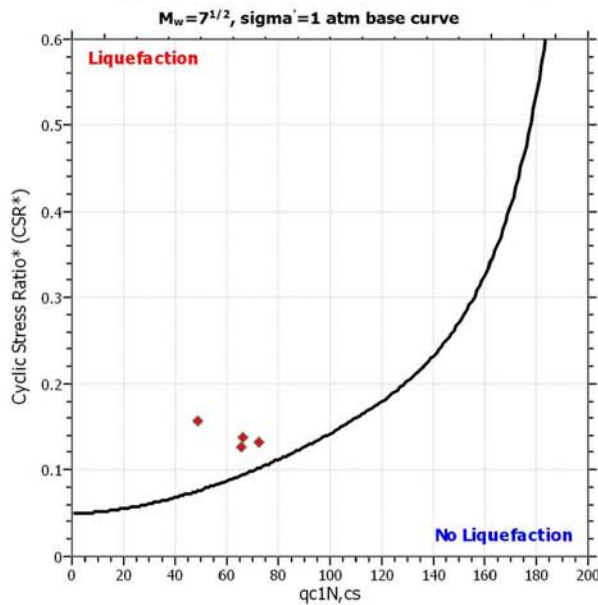
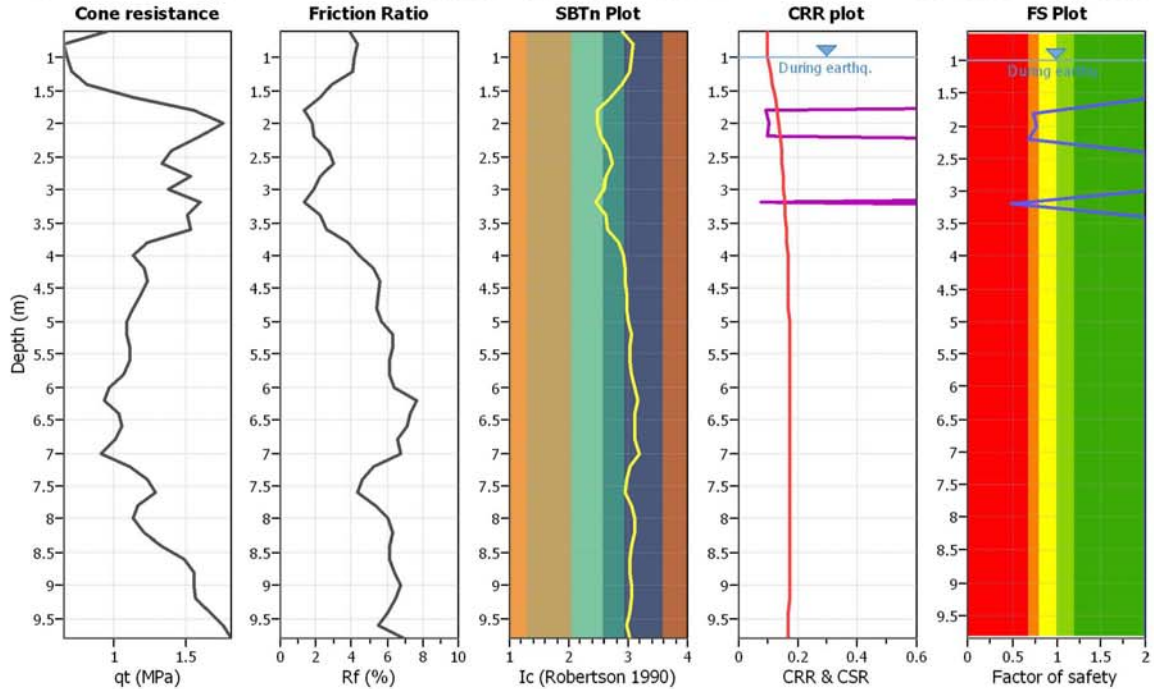
**Project title :**

**Location :**

**CPT file : 203010C129**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

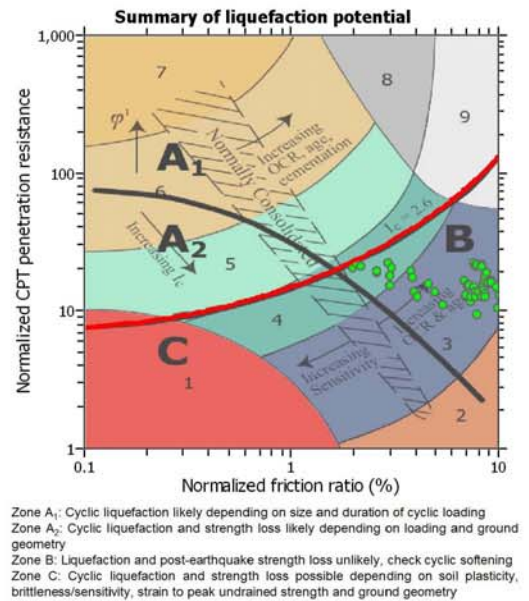
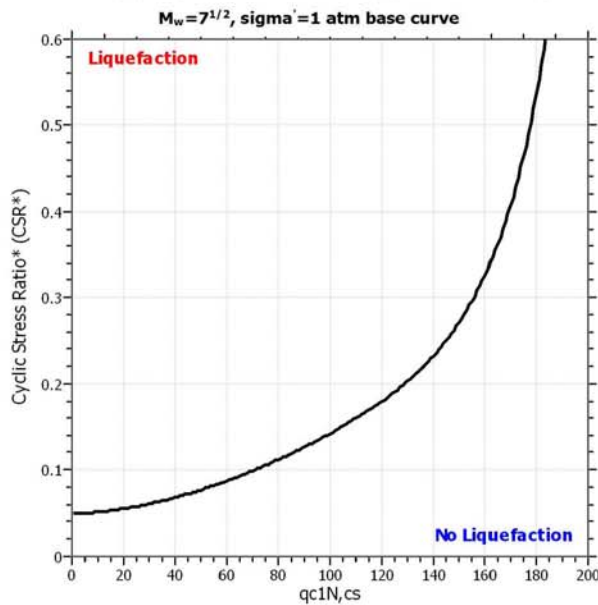
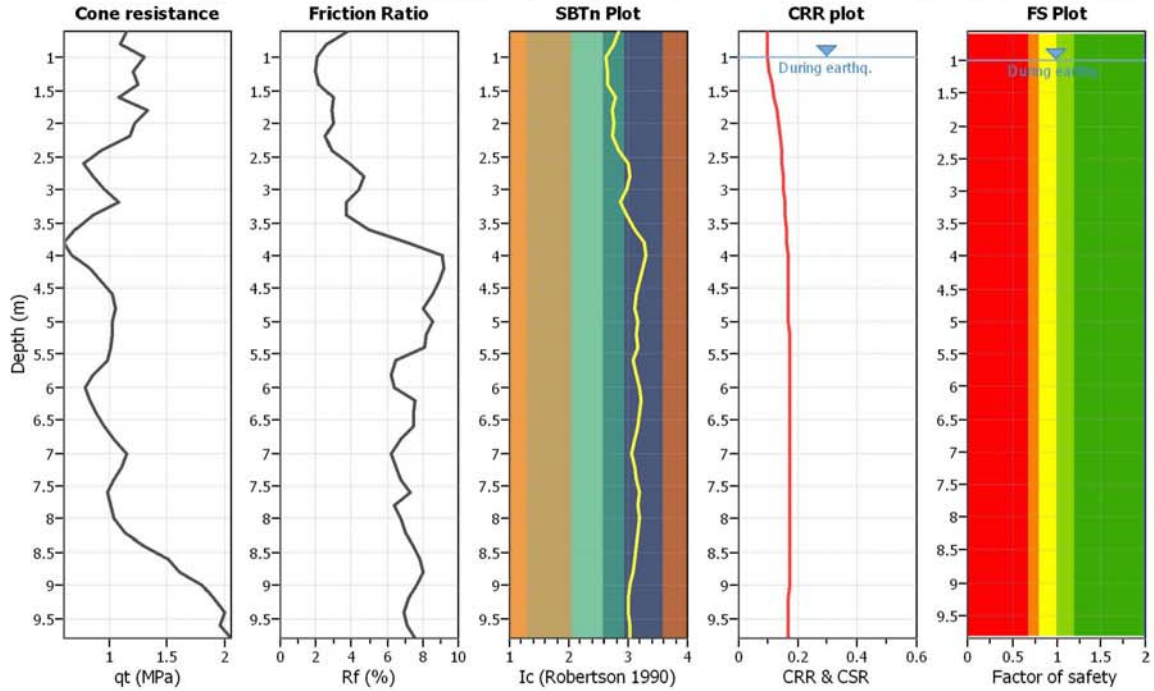
**Project title :**

**Location :**

**CPT file : 203010C130**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

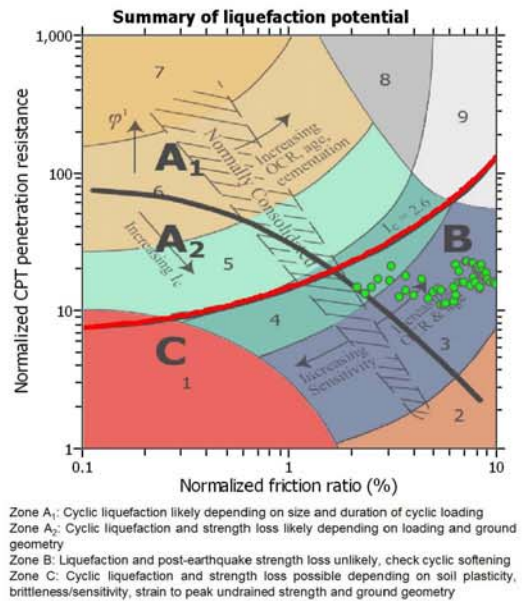
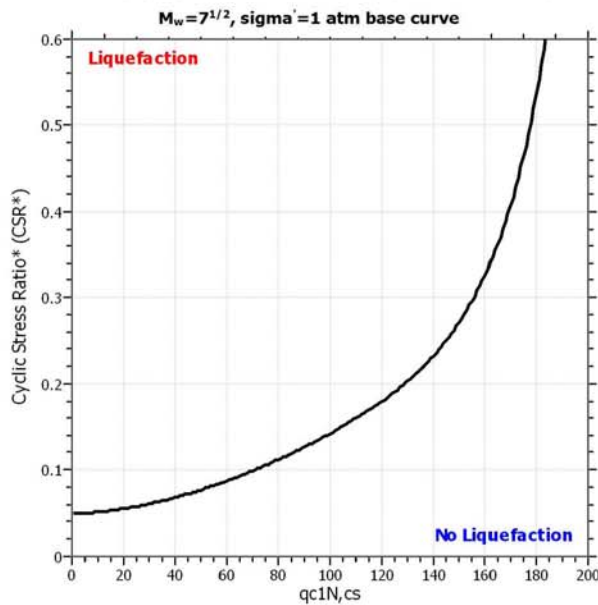
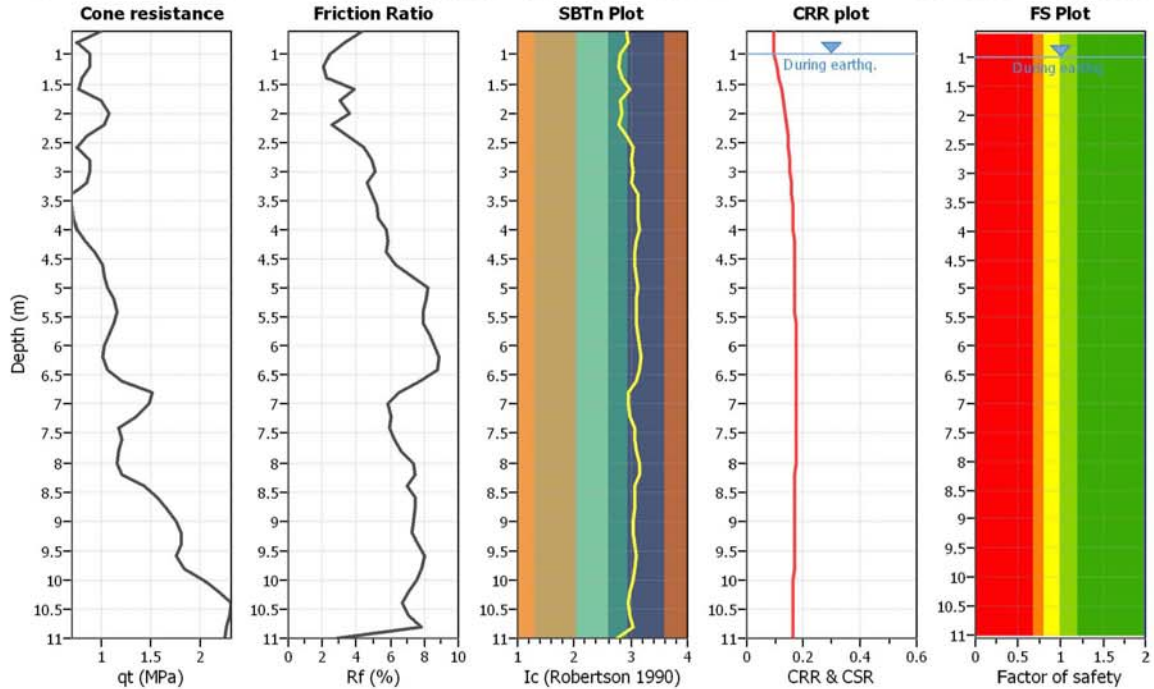
**Project title :**

**Location :**

**CPT file : 203010C131**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

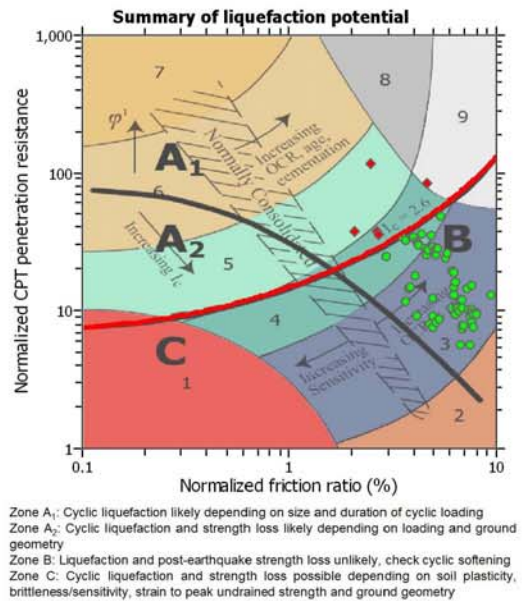
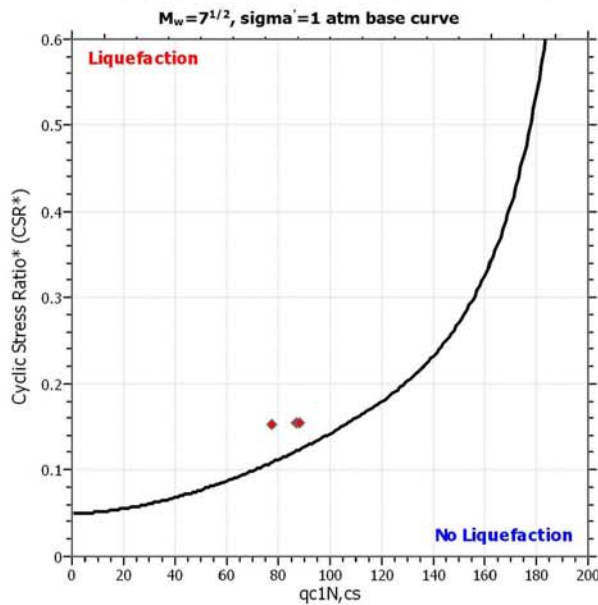
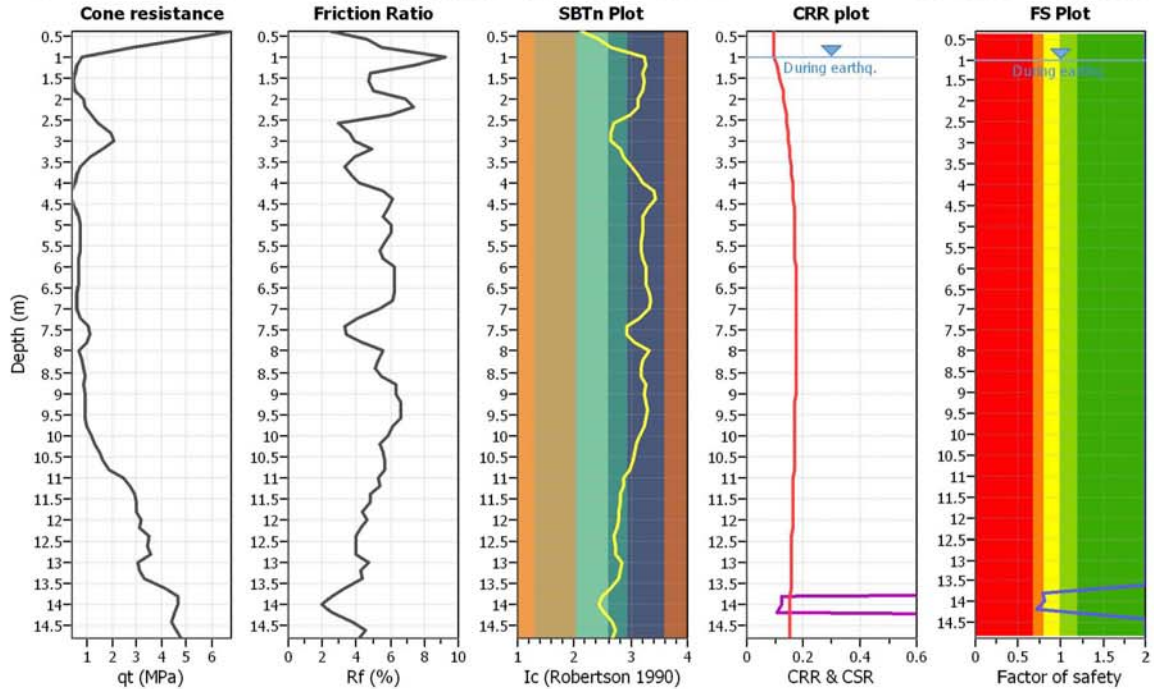
**Project title :**

**Location :**

**CPT file : 203010C132**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

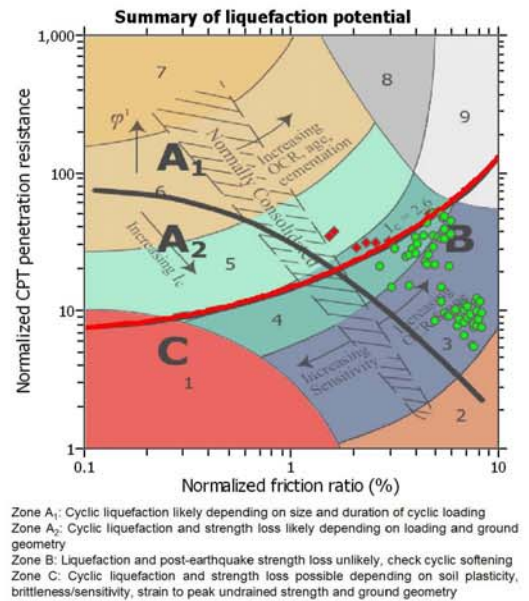
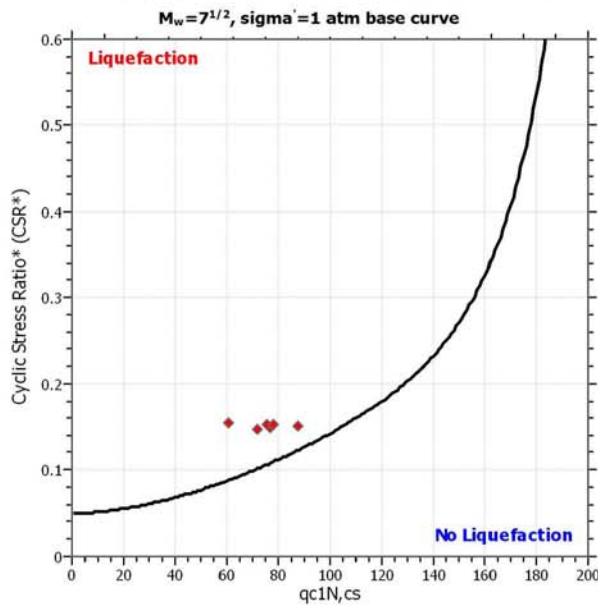
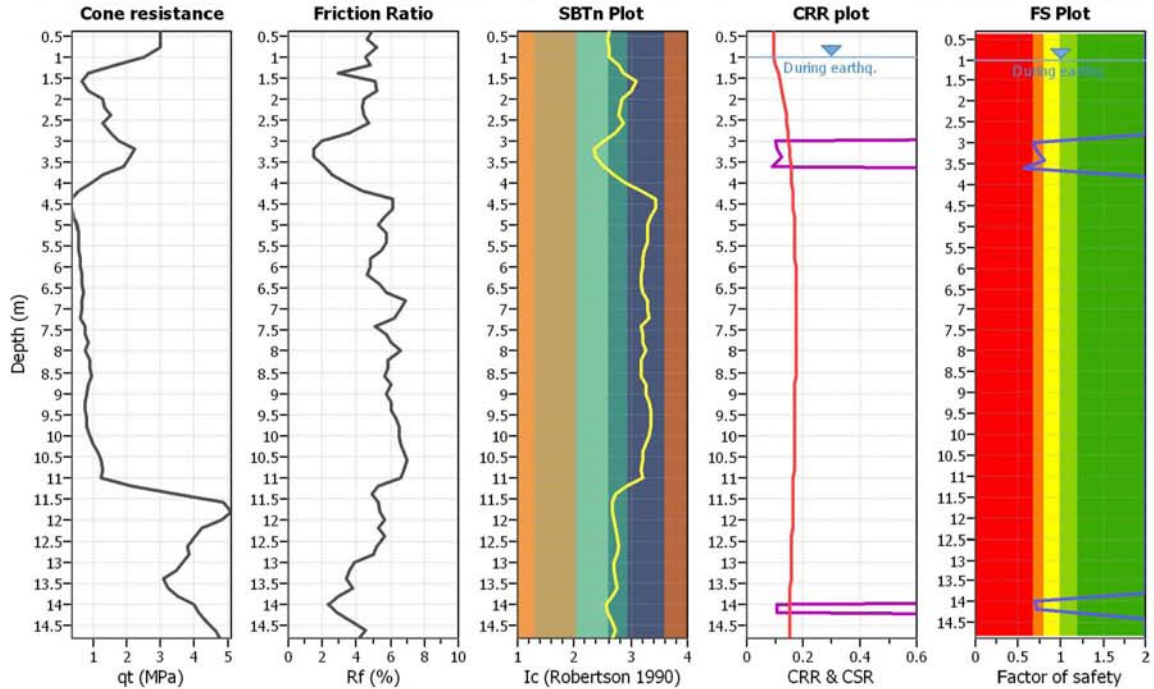
**Project title :**

**Location :**

**CPT file : 203010C133**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

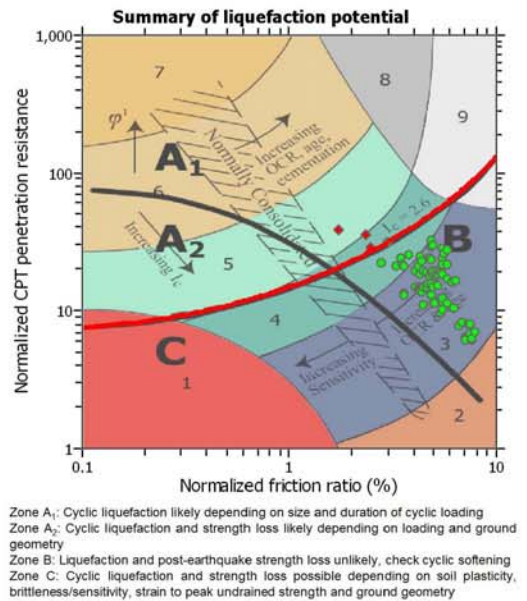
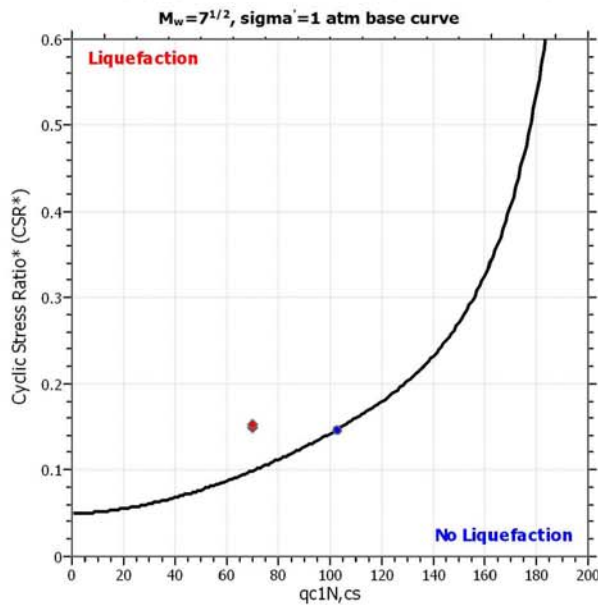
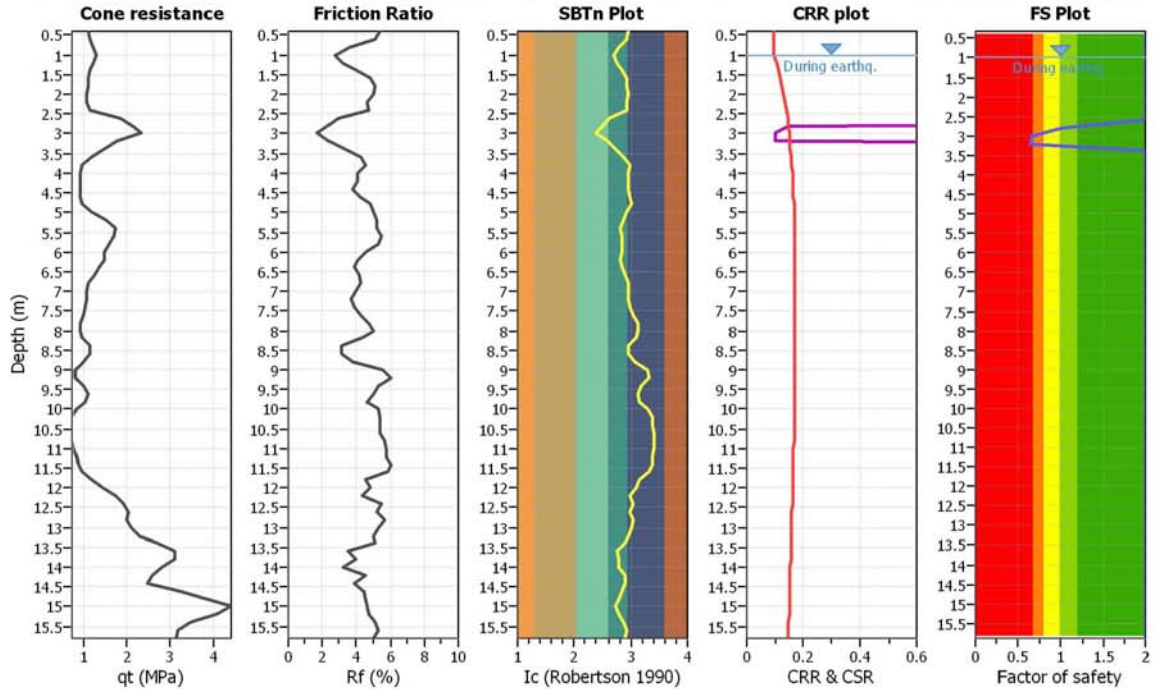
**Project title :**

**Location :**

**CPT file : 203010C134**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

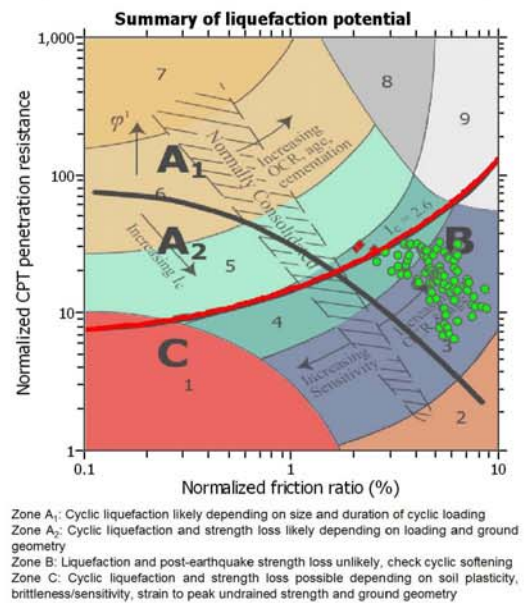
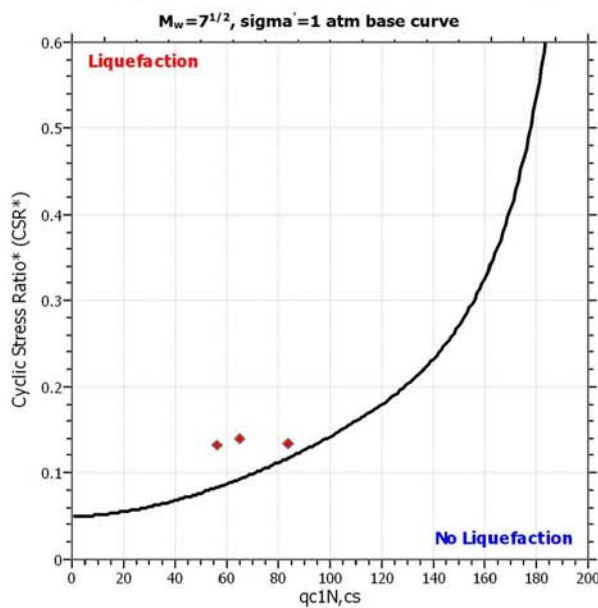
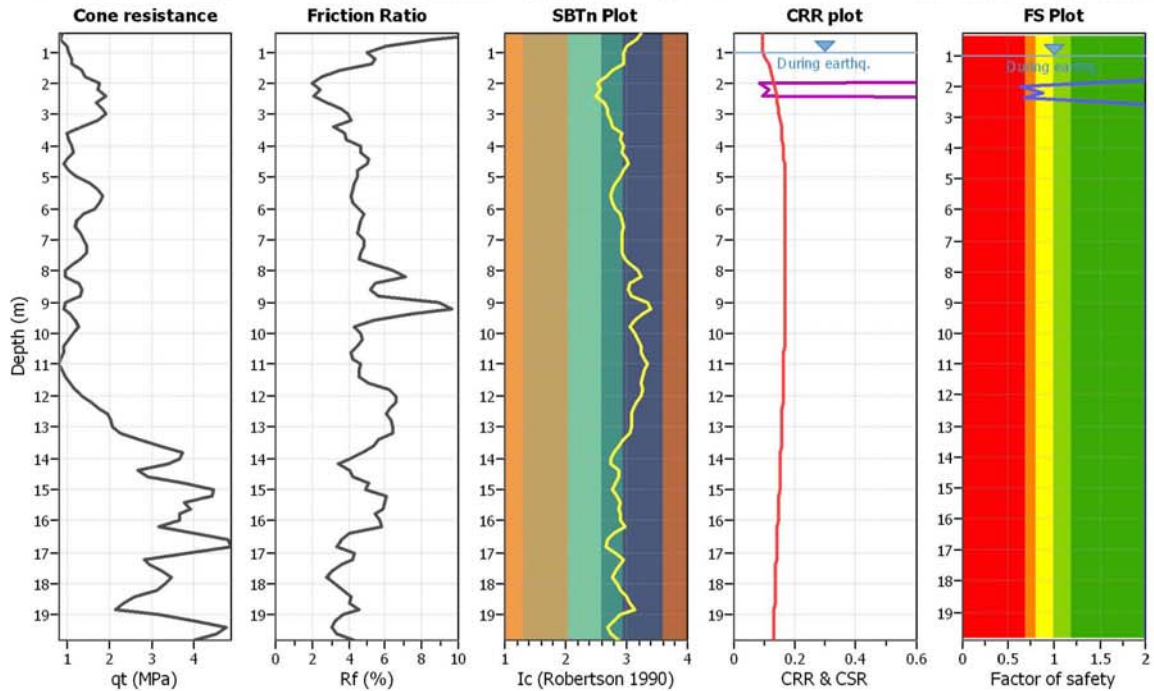
**Project title :**

**Location :**

**CPT file : 203010C135**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

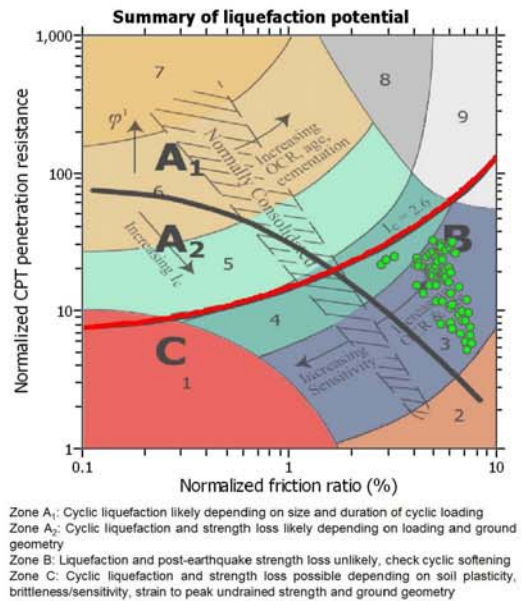
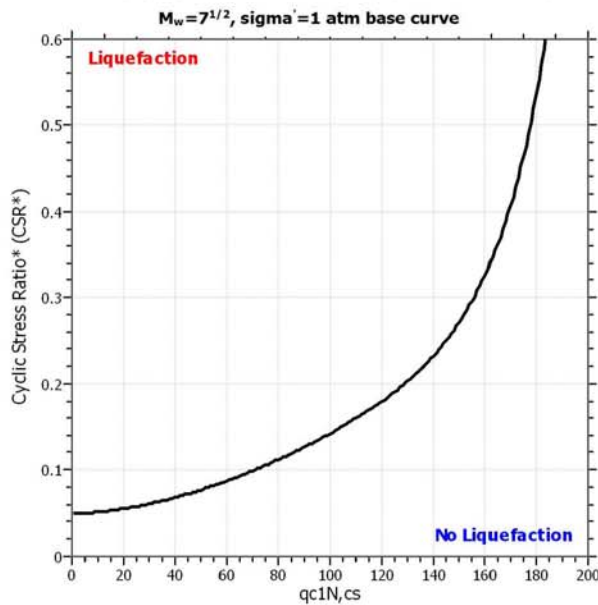
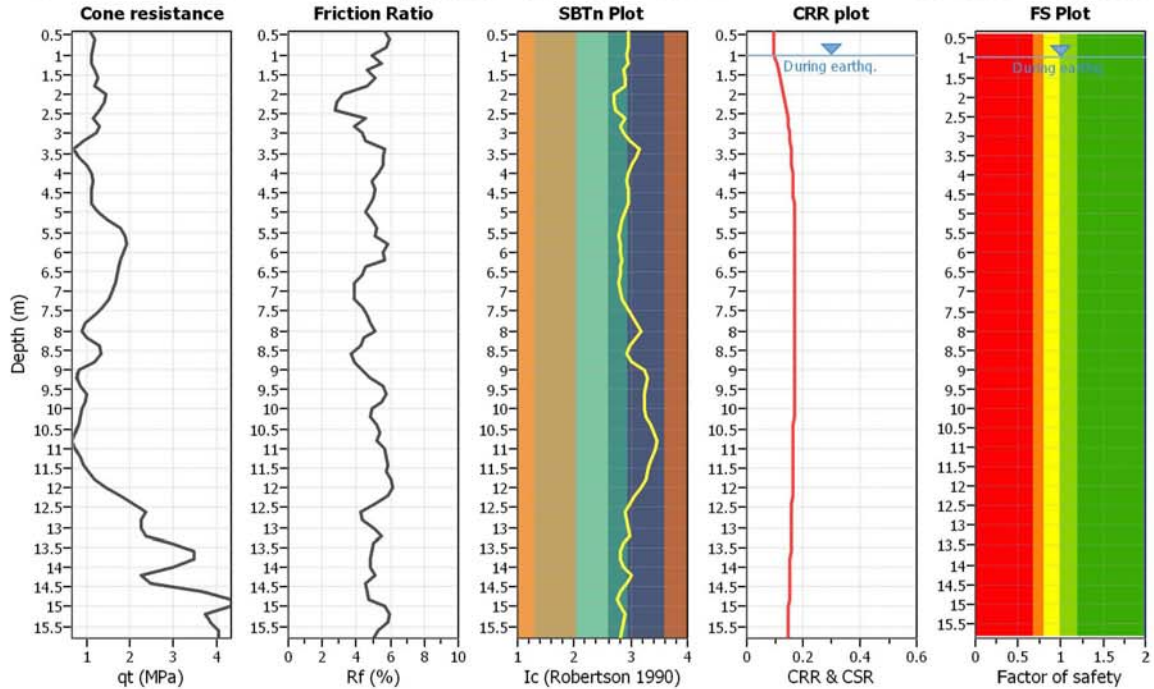
**Project title :**

**Location :**

**CPT file : 203010C136**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

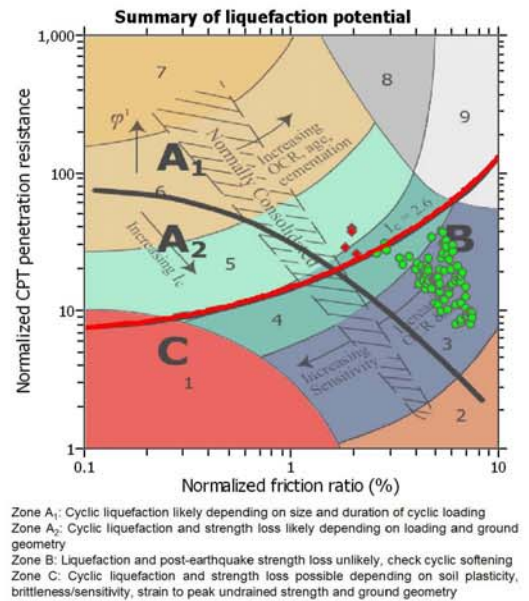
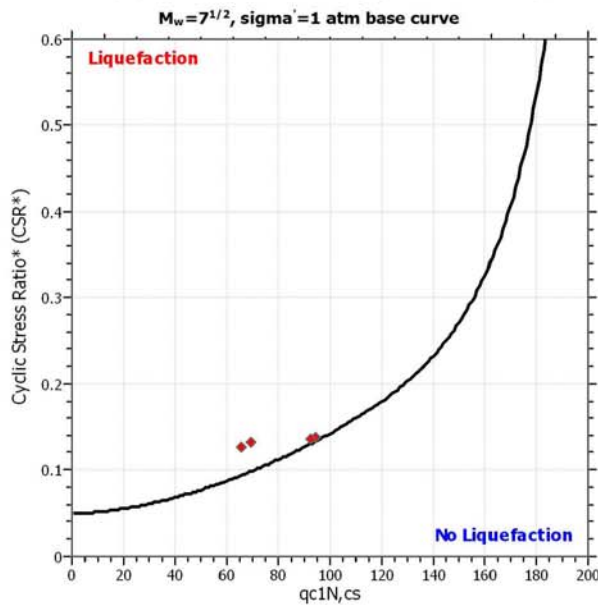
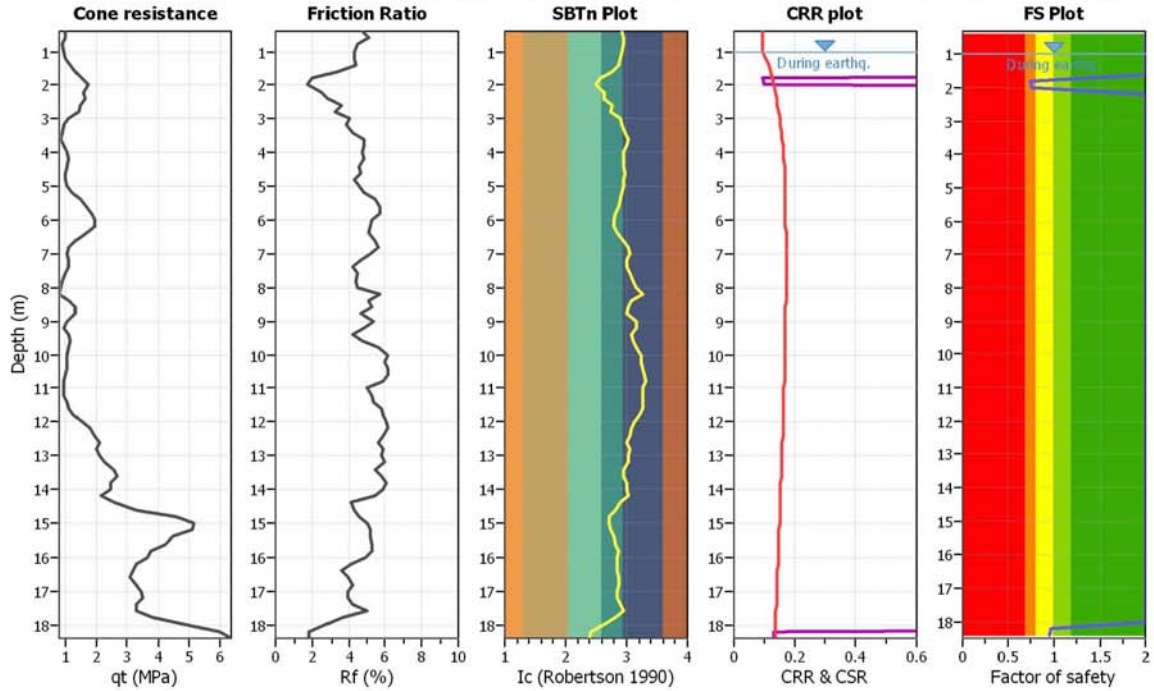
**Project title :**

**Location :**

**CPT file : 203010C137**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

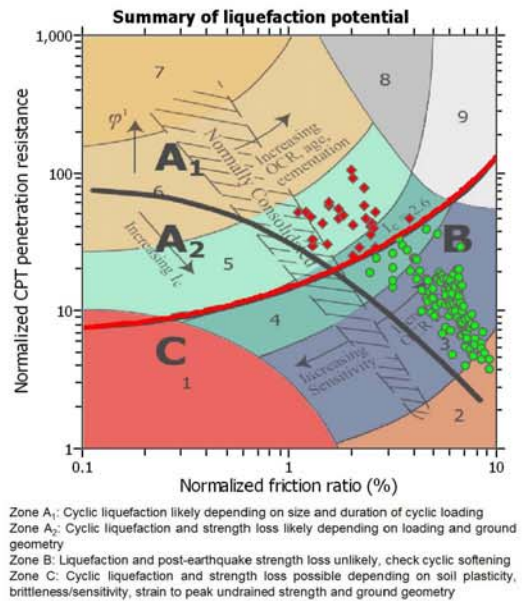
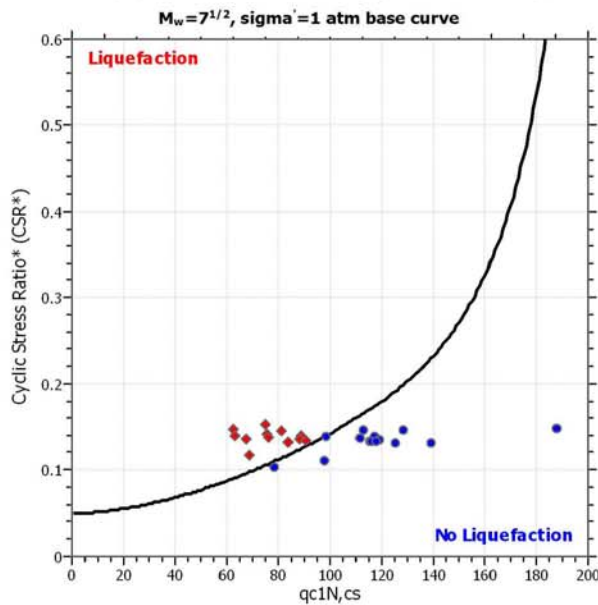
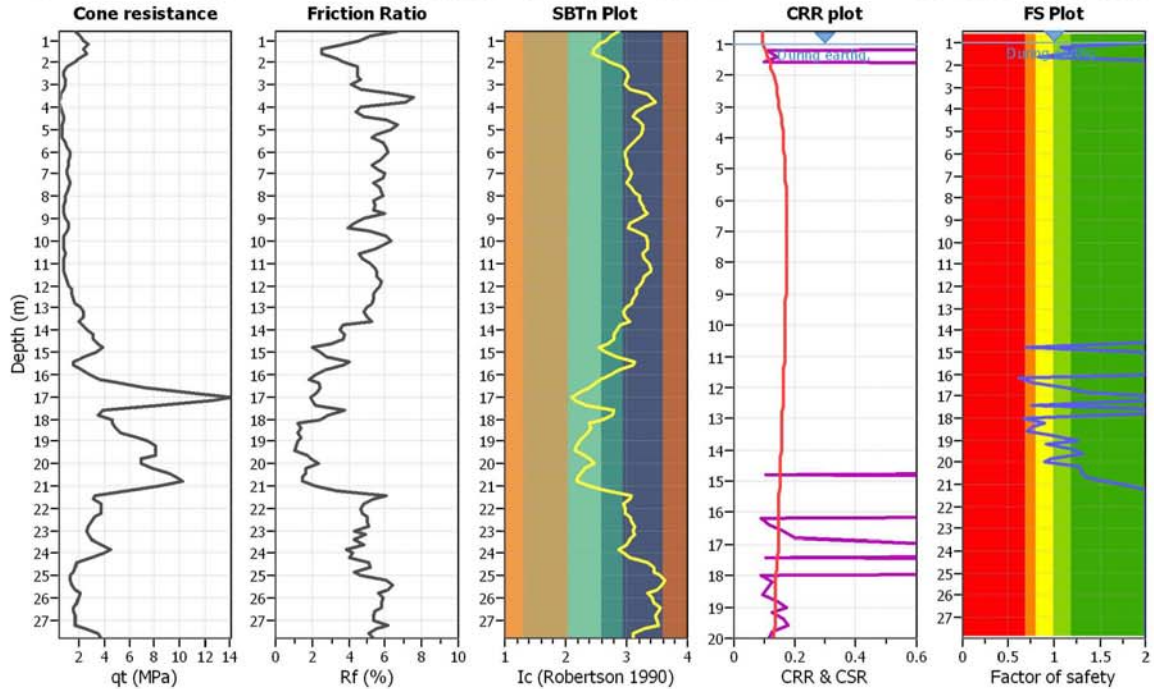
**Project title :**

**Location :**

**CPT file : 203010C138**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

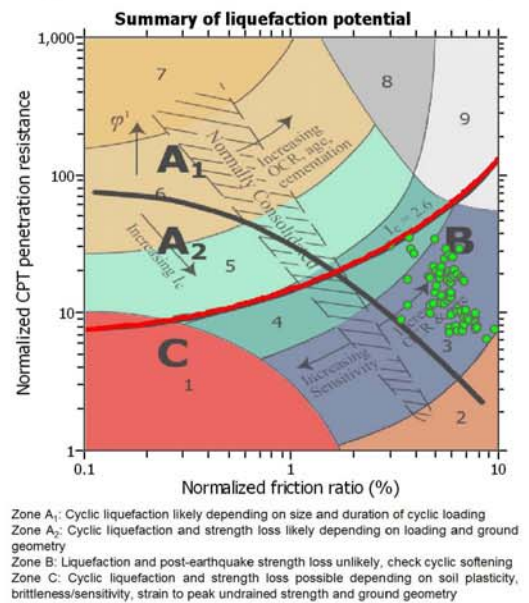
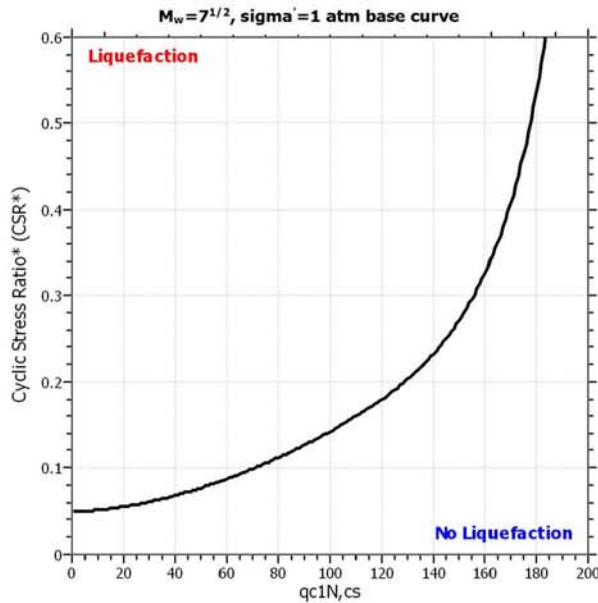
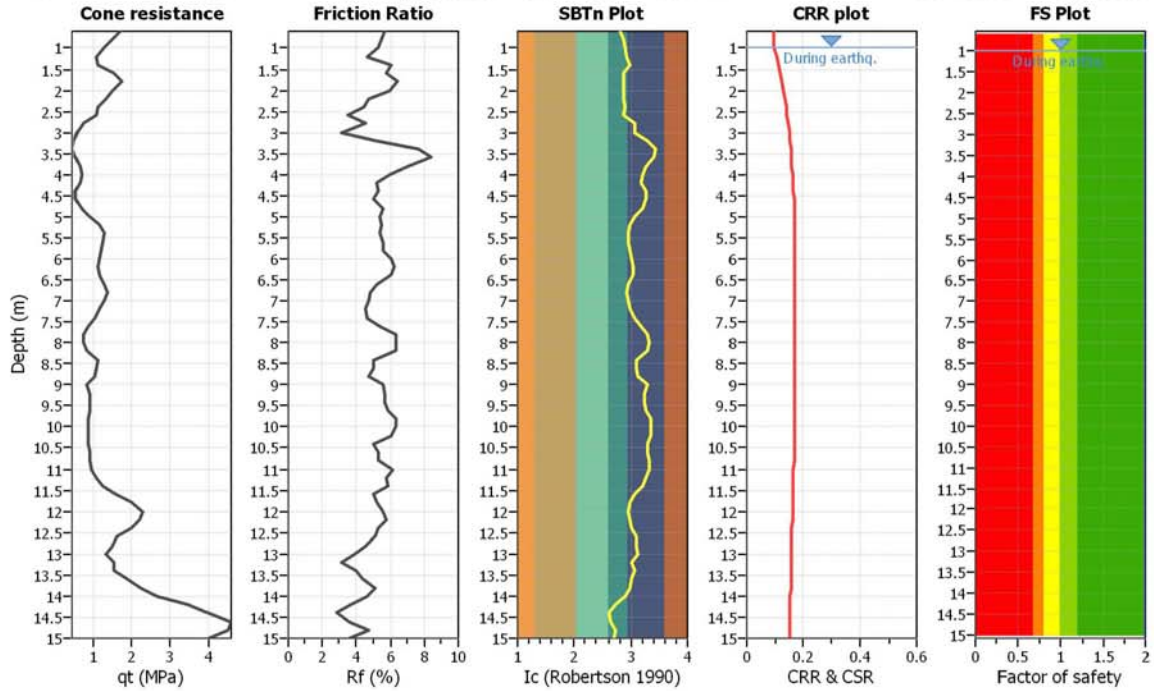
**Project title :**

**Location :**

**CPT file : 203010C139**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

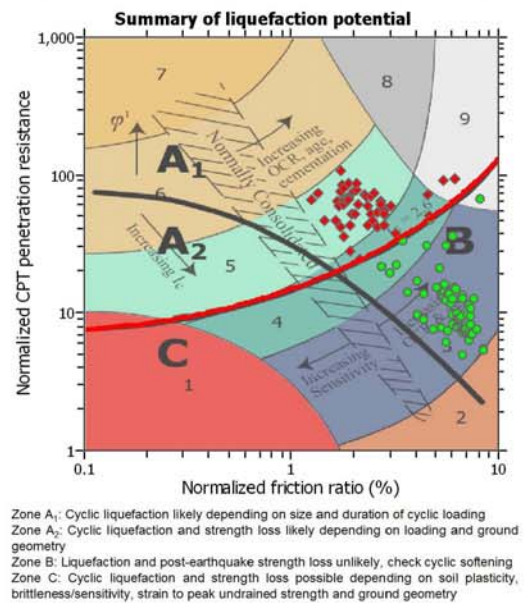
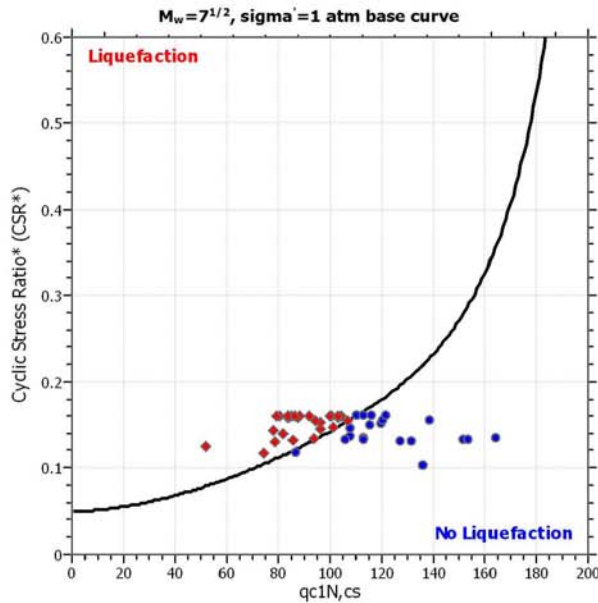
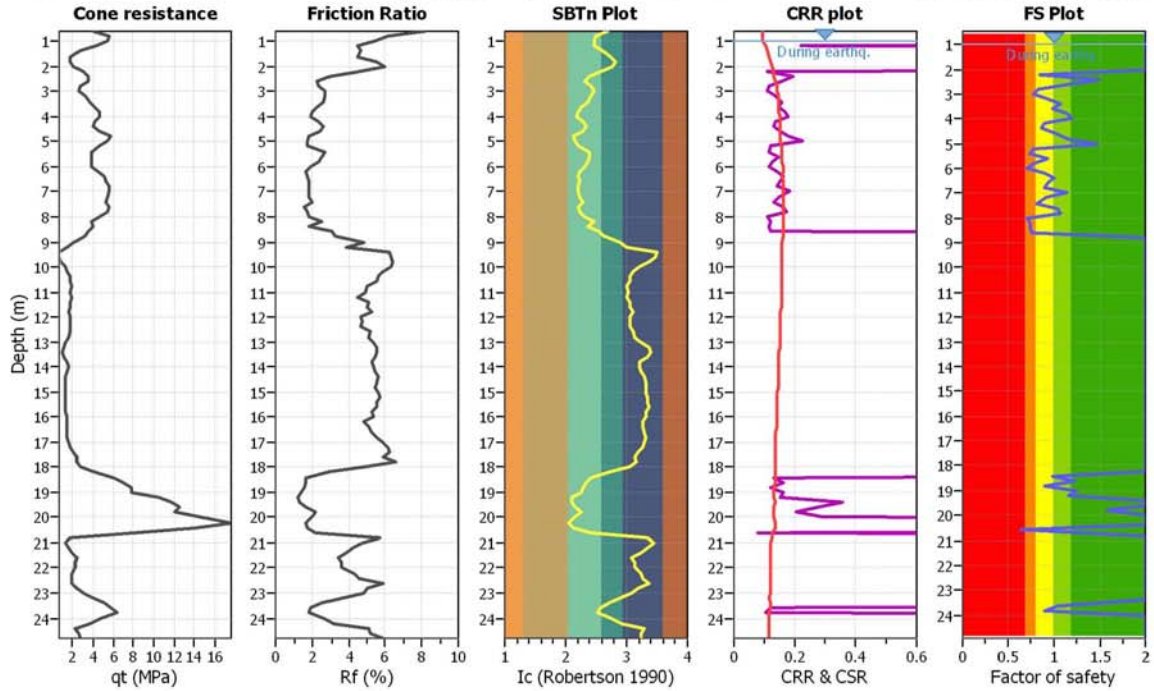
**Project title :**

**Location :**

**CPT file : 203010C140**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

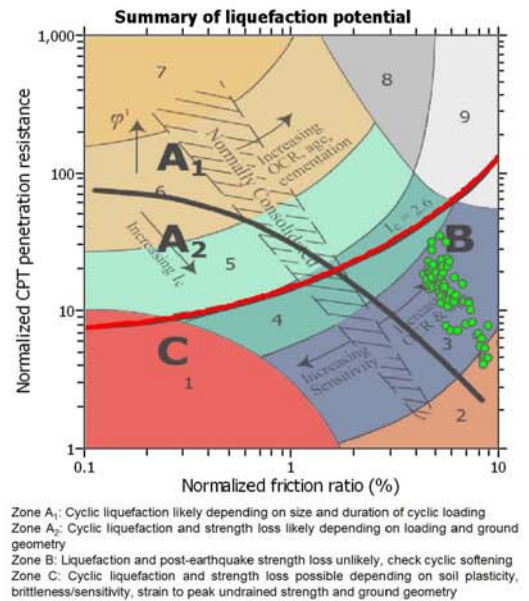
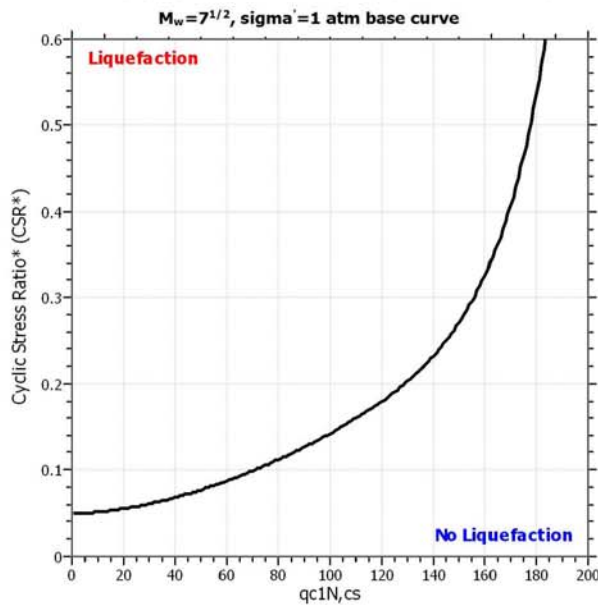
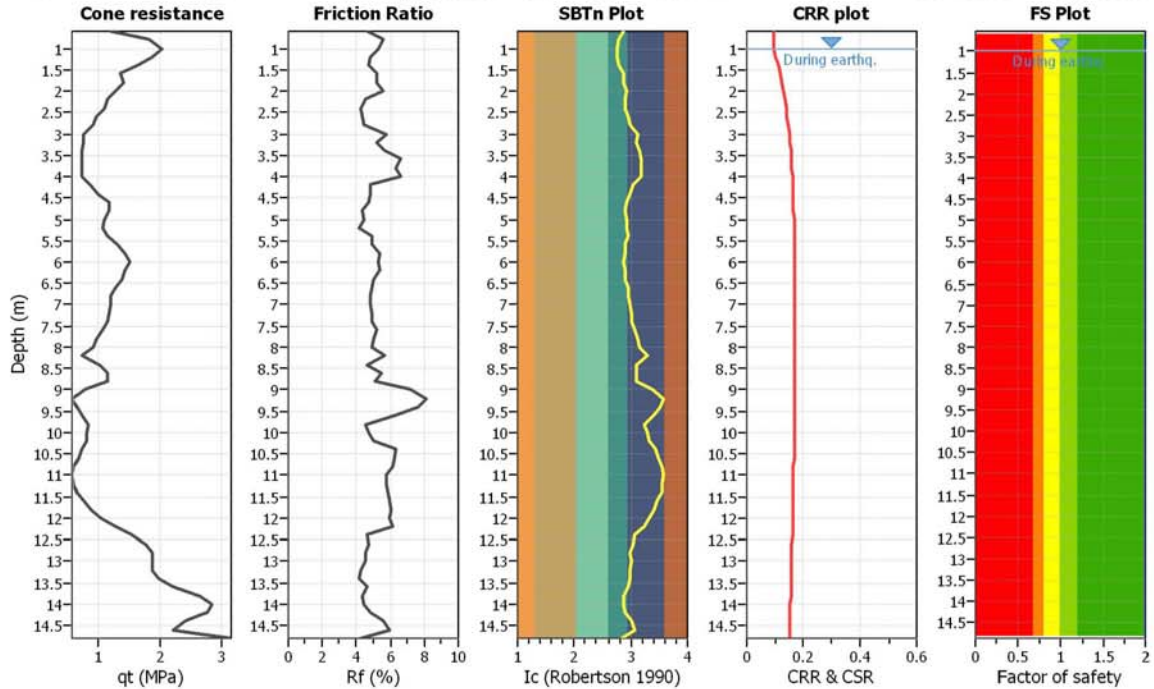
**Project title :**

**Location :**

**CPT file : 203010C141**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

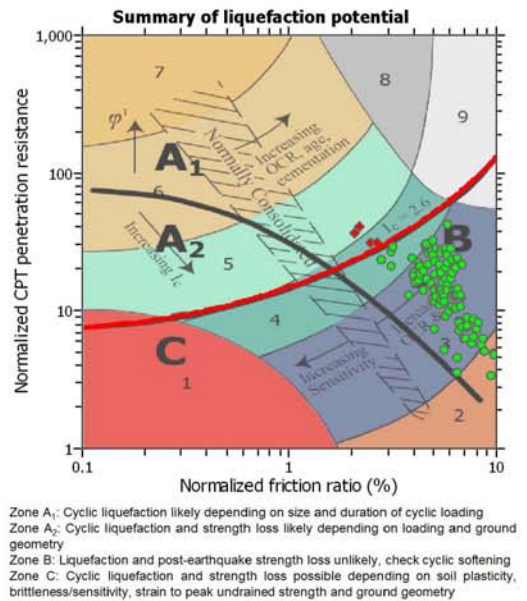
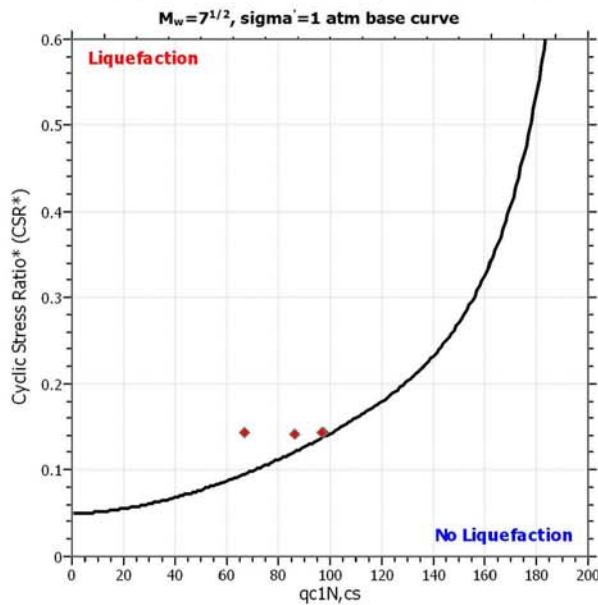
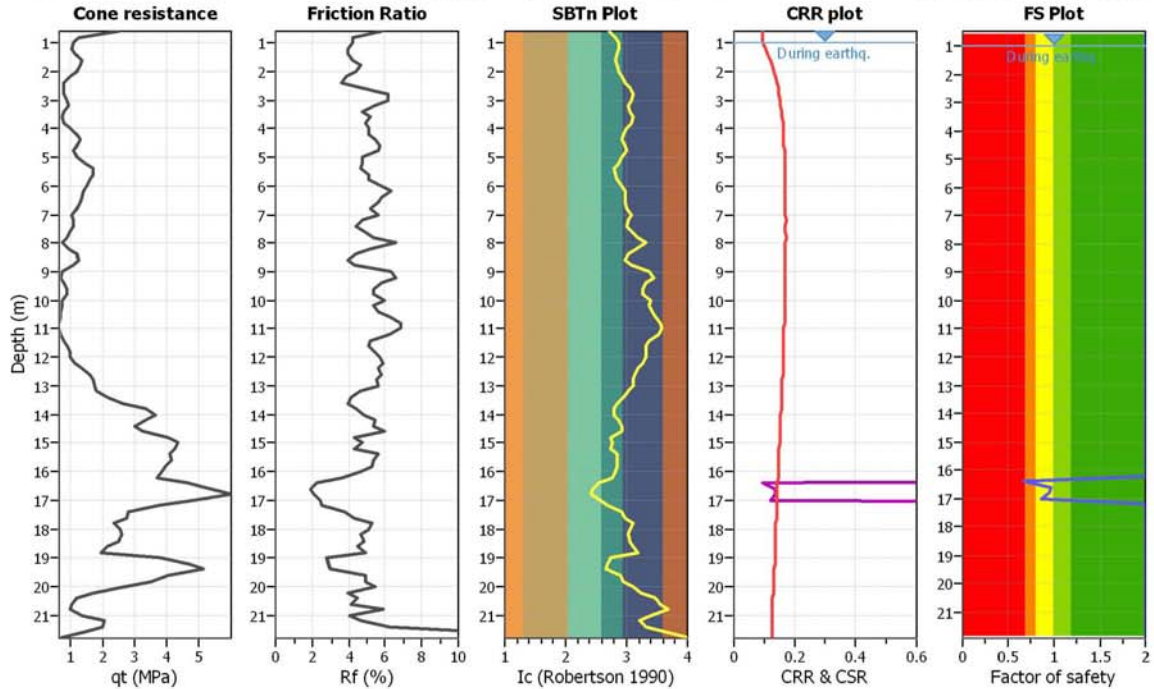
**Project title :**

**Location :**

**CPT file : 203010C142**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

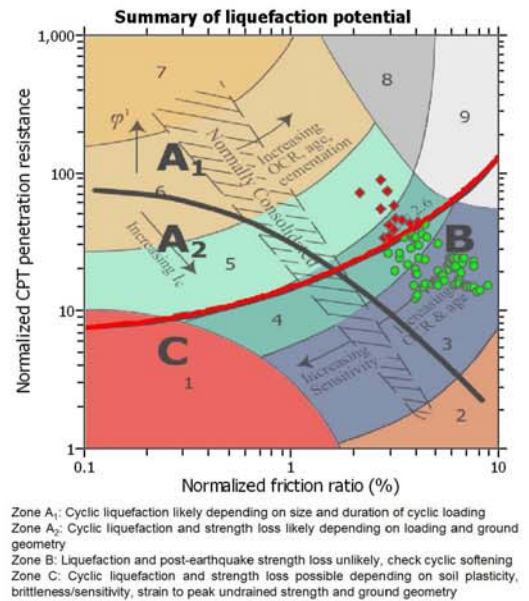
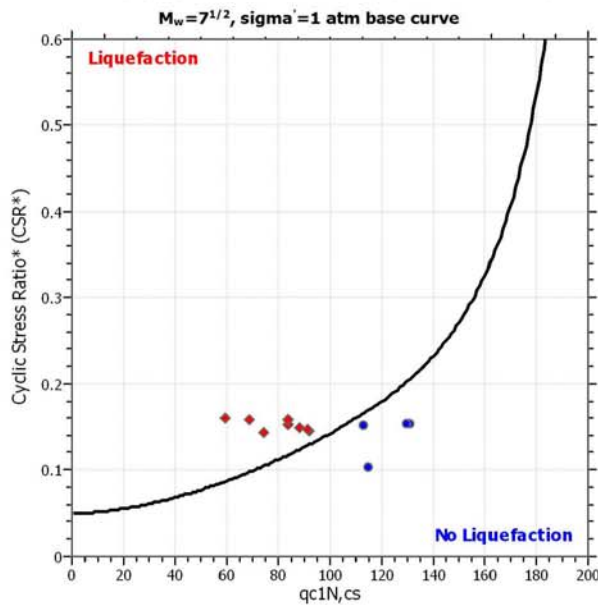
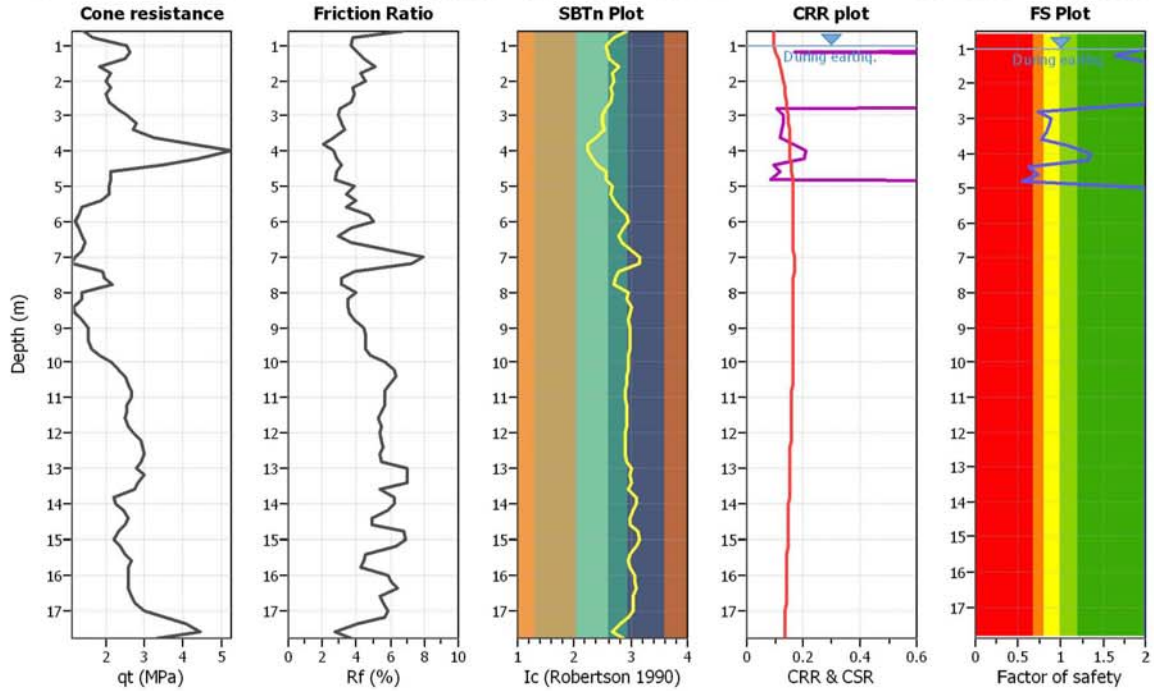
**Project title :**

**Location :**

**CPT file : 203010C143**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

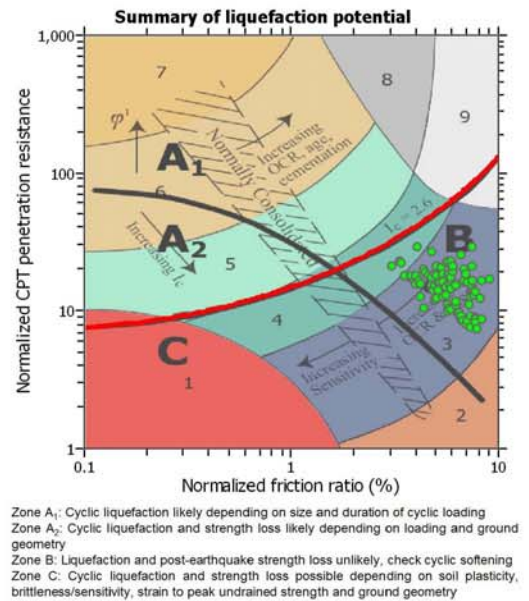
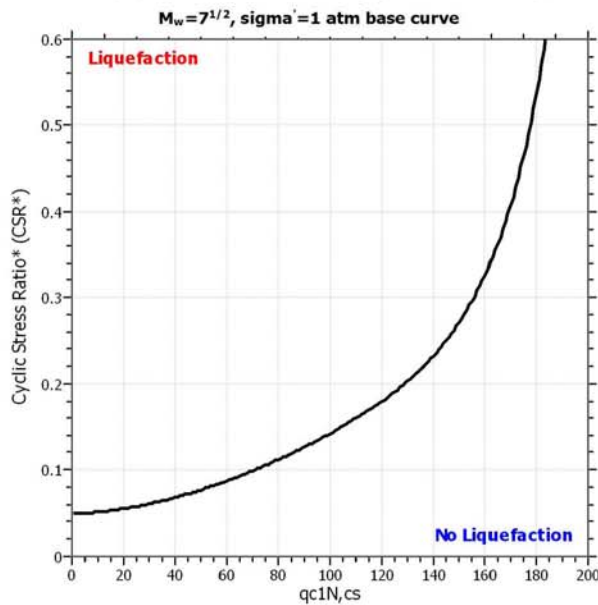
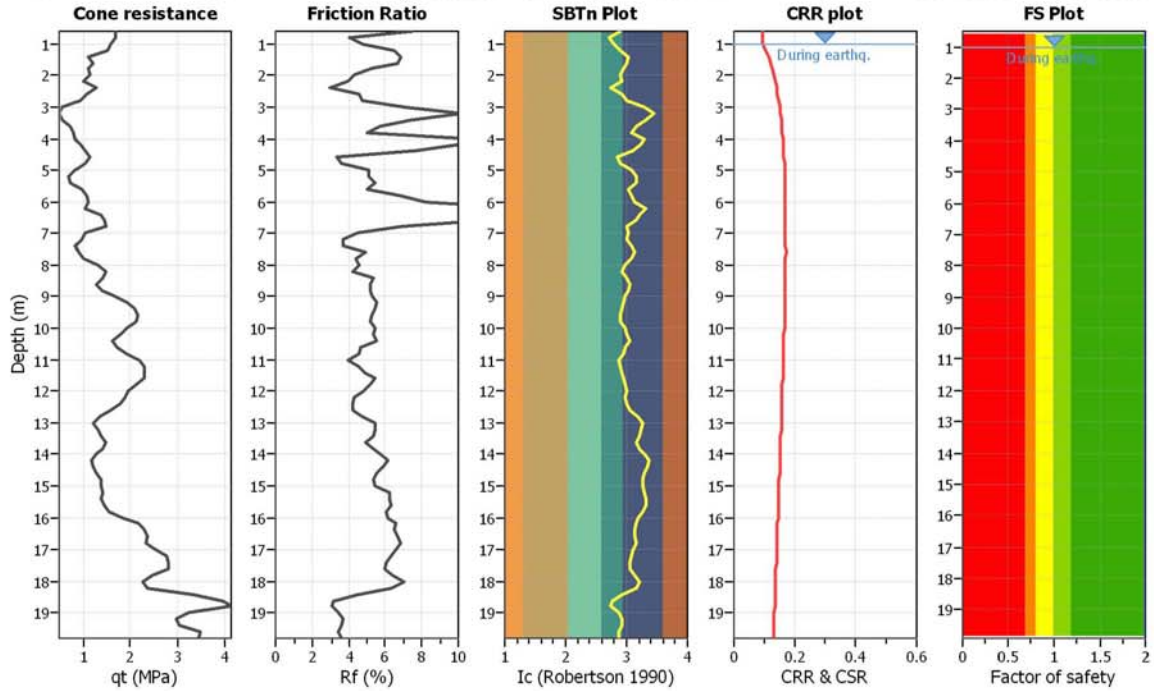
**Project title :**

**Location :**

**CPT file : 203010C144**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

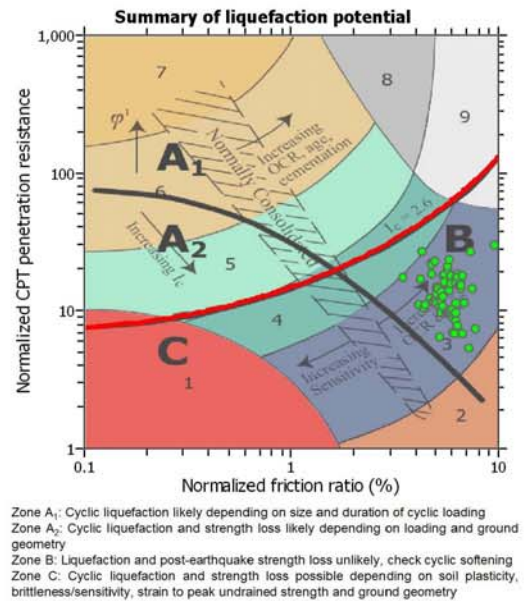
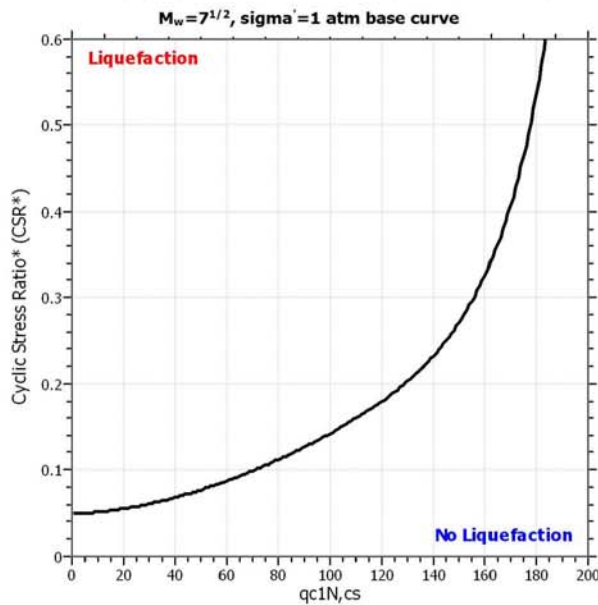
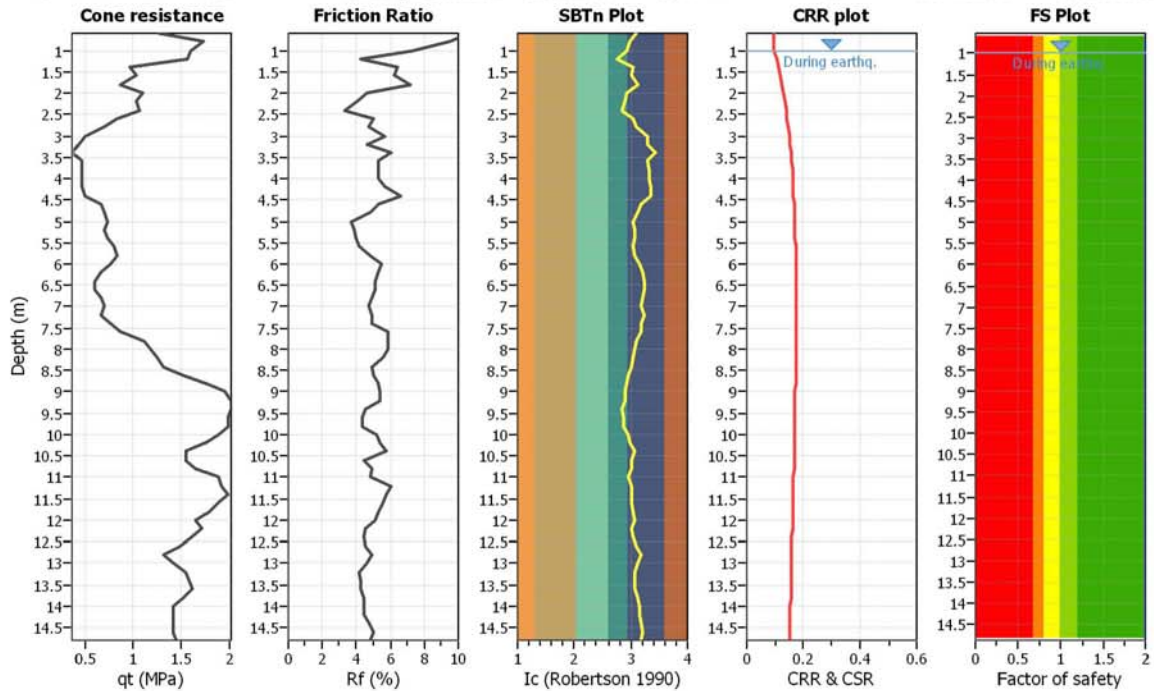
**Project title :**

**Location :**

**CPT file : 203010C145**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

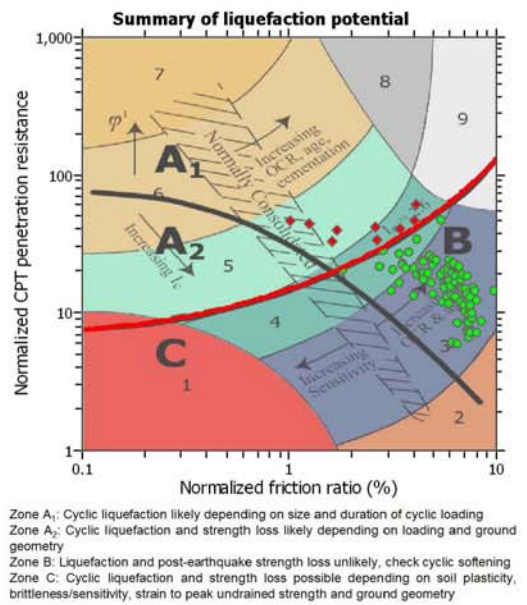
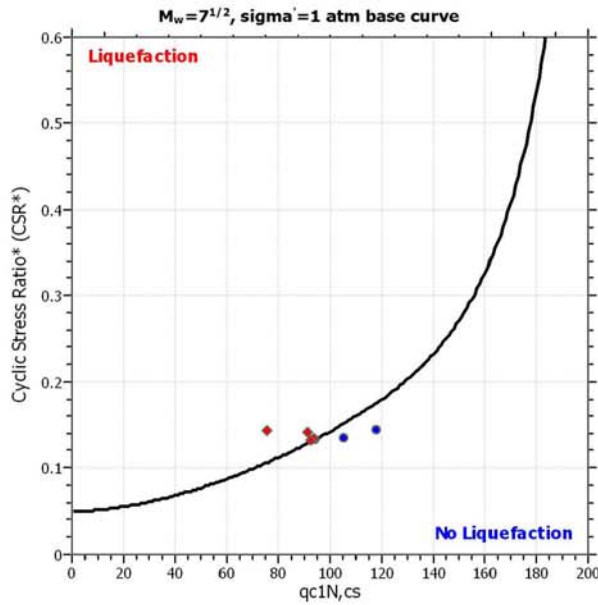
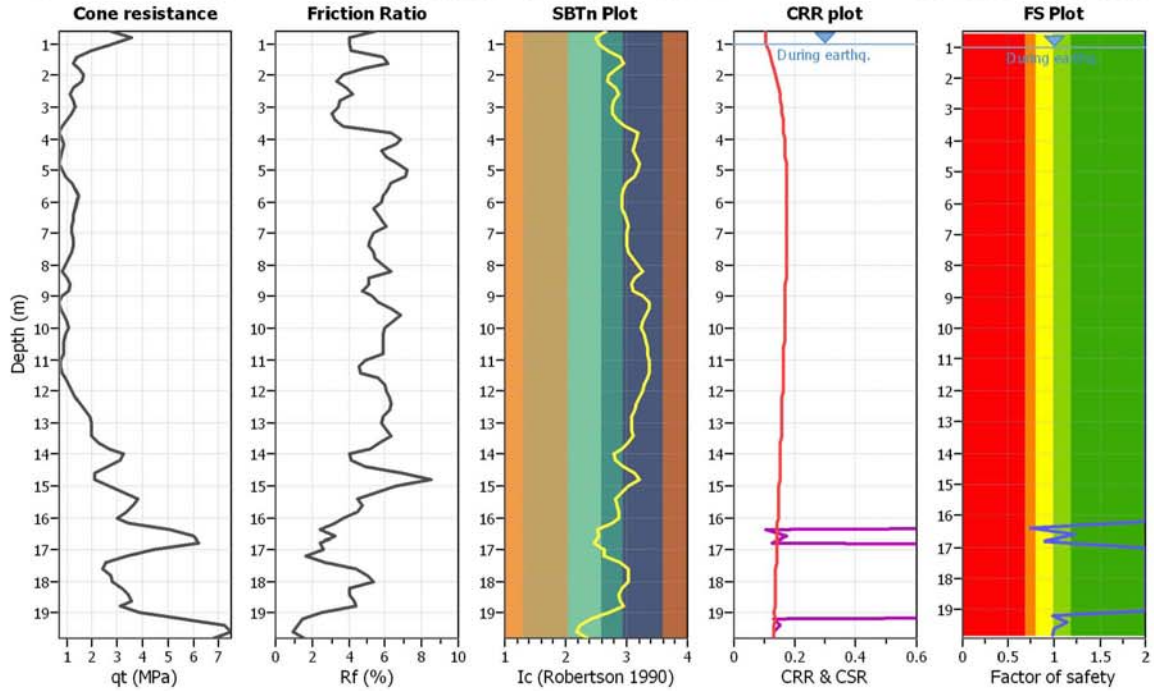
**Project title :**

**Location :**

**CPT file : 203010C146**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

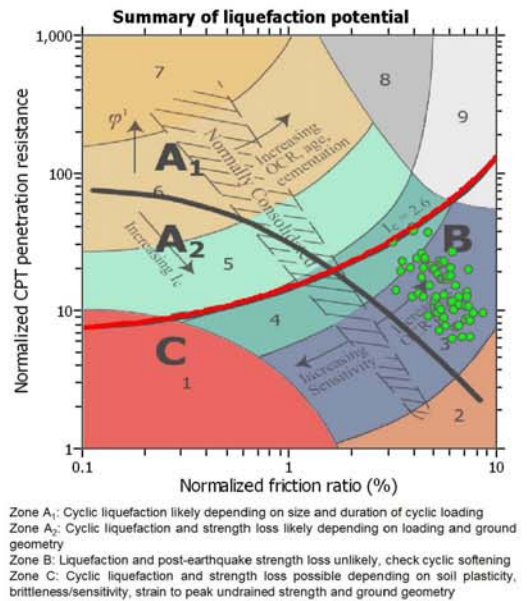
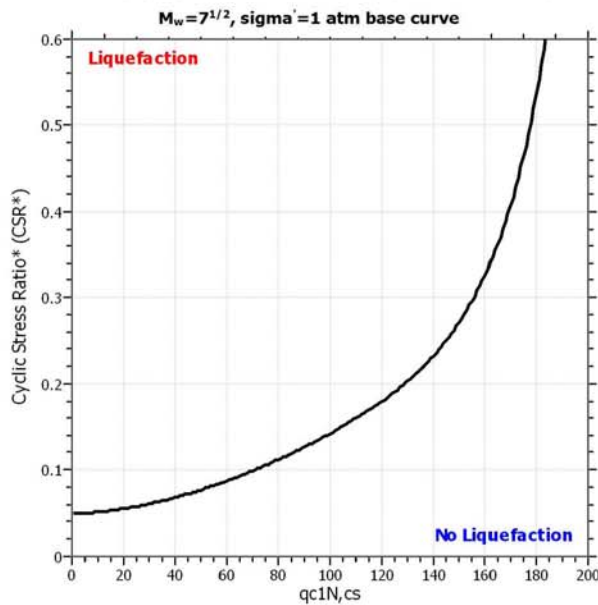
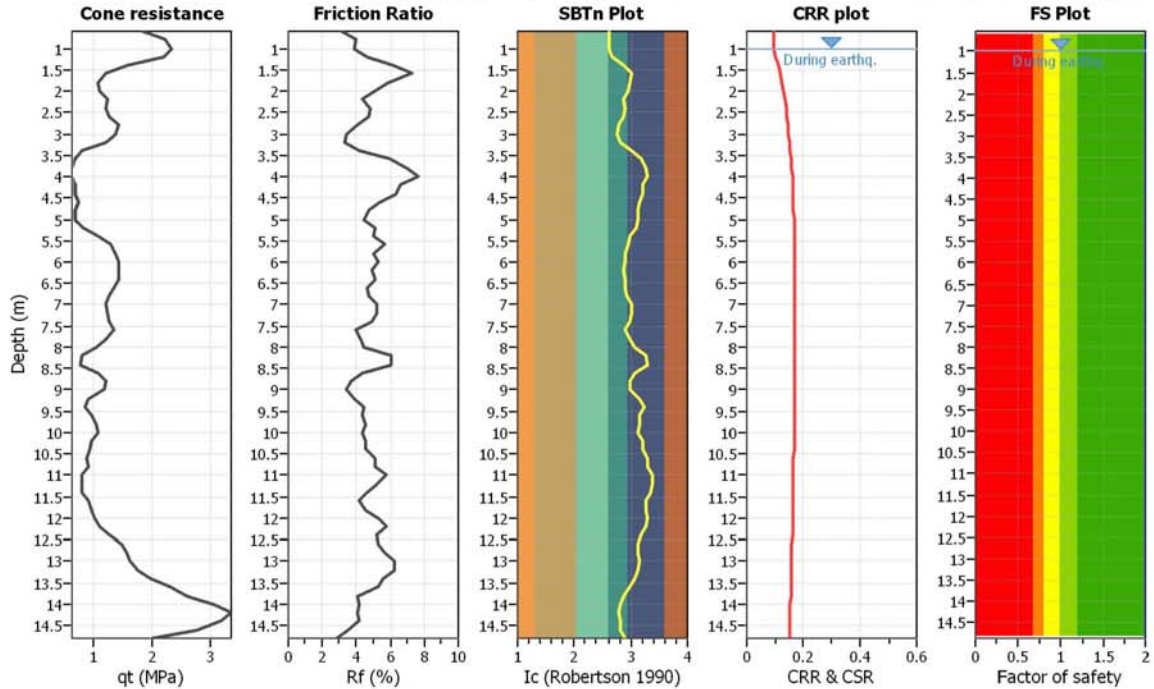
**Project title :**

**Location :**

**CPT file : 203010C147**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

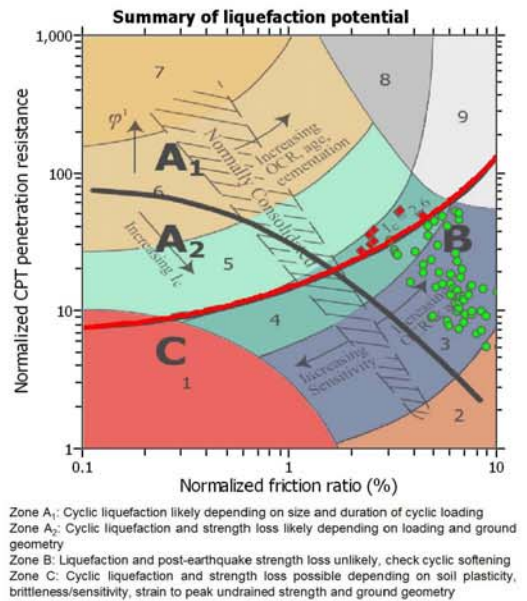
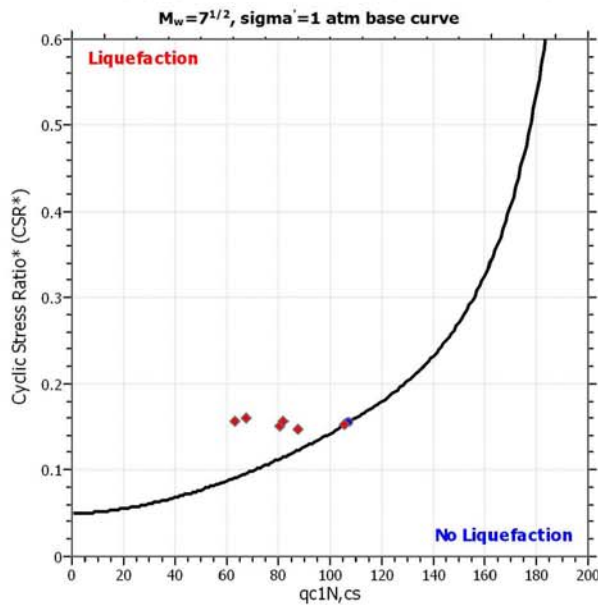
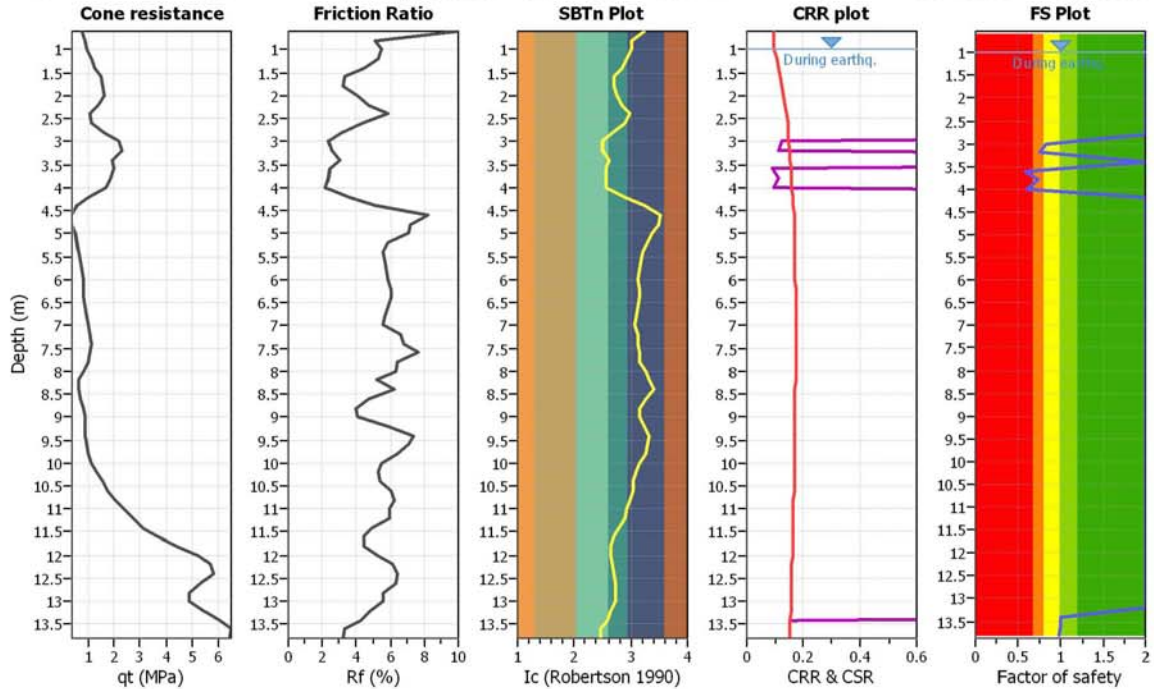
**Project title :**

**Location :**

**CPT file : 203010C148**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

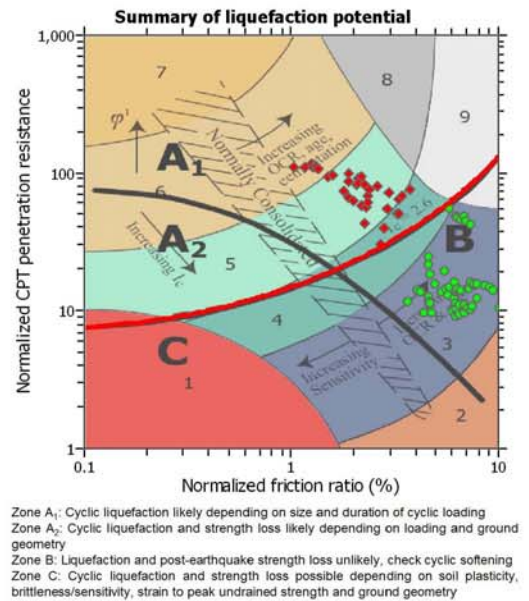
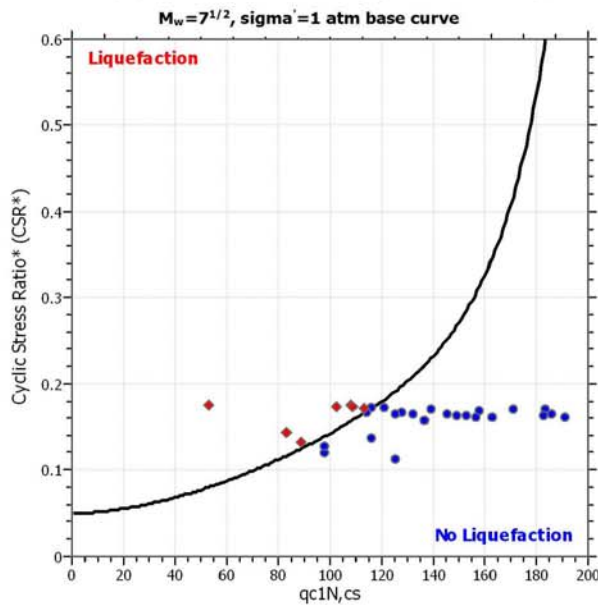
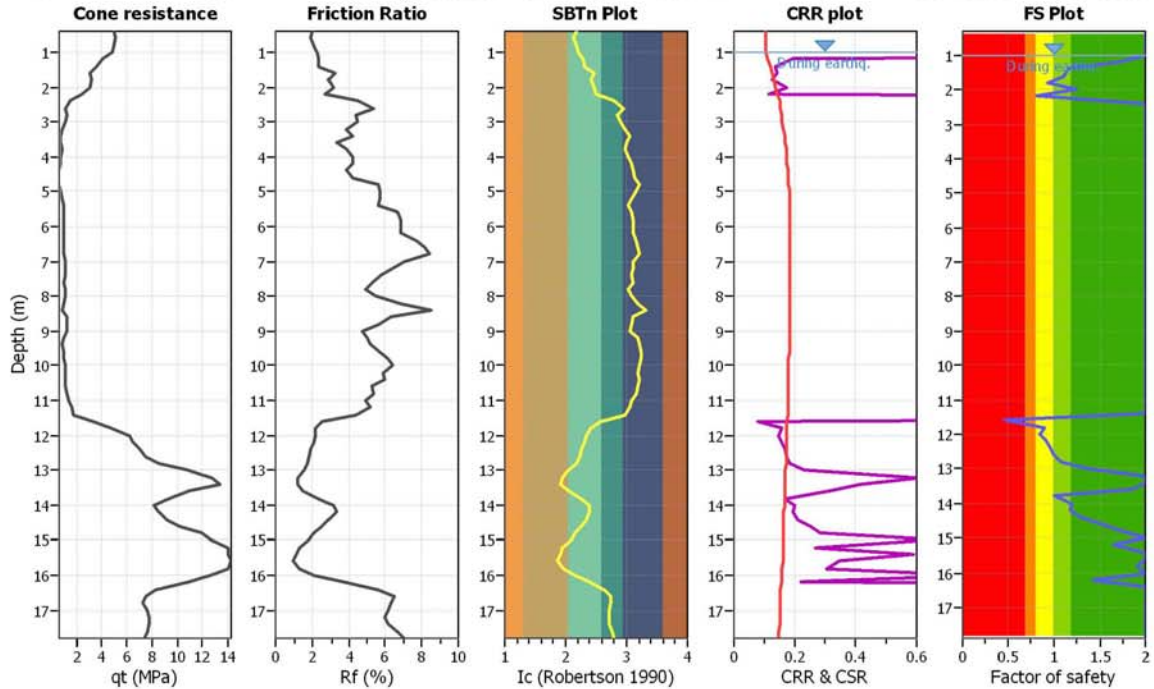
**Project title :**

**Location :**

**CPT file : 203010C149**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.25	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

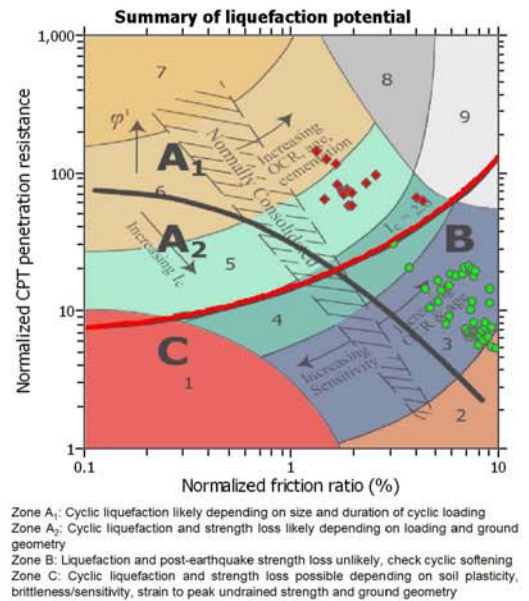
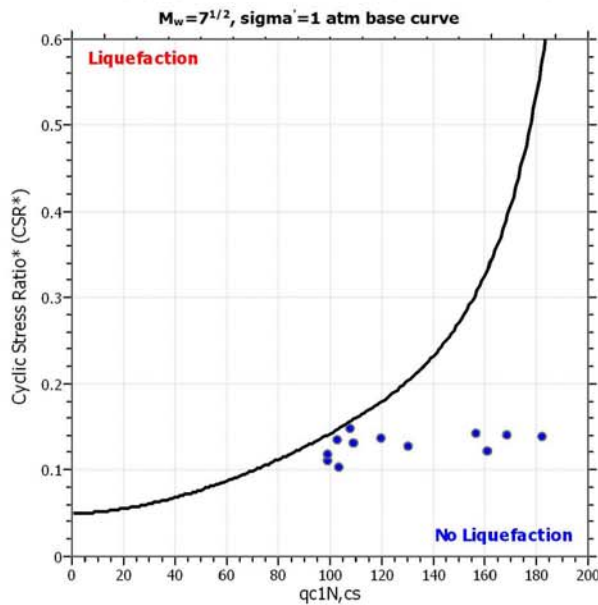
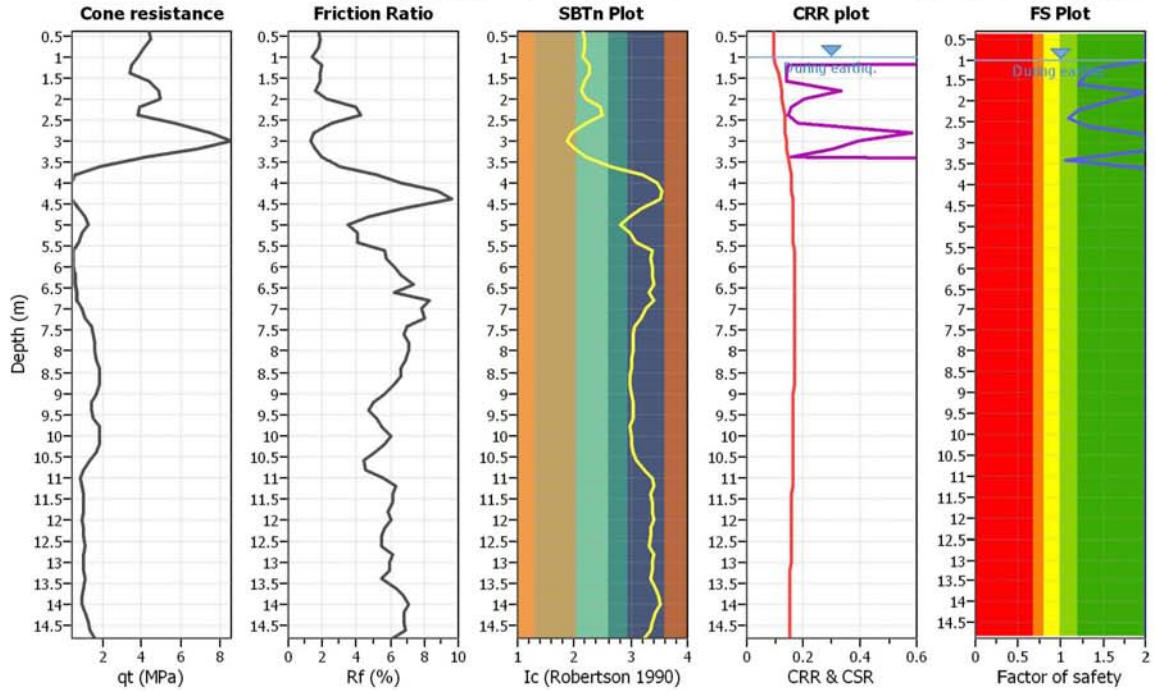
**Project title :**

**Location :**

**CPT file : 203010C150**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

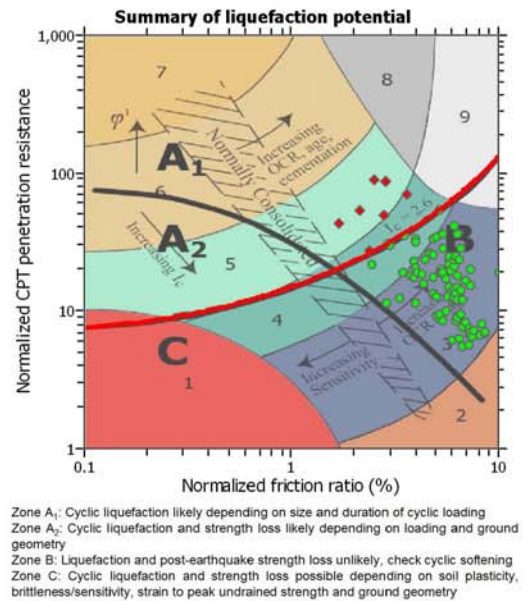
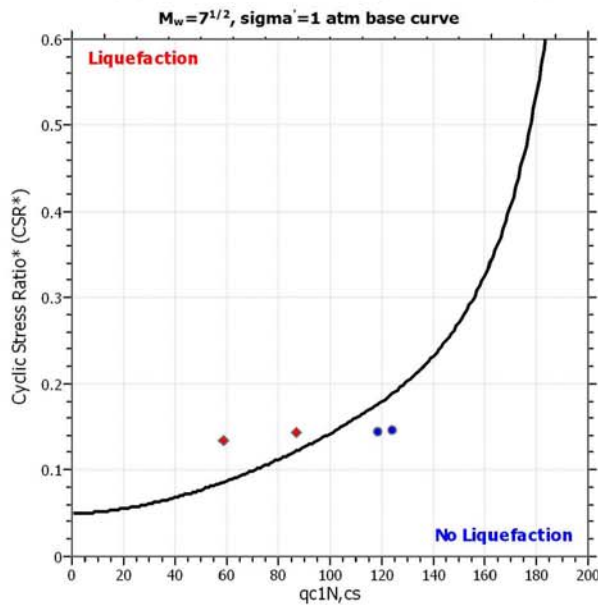
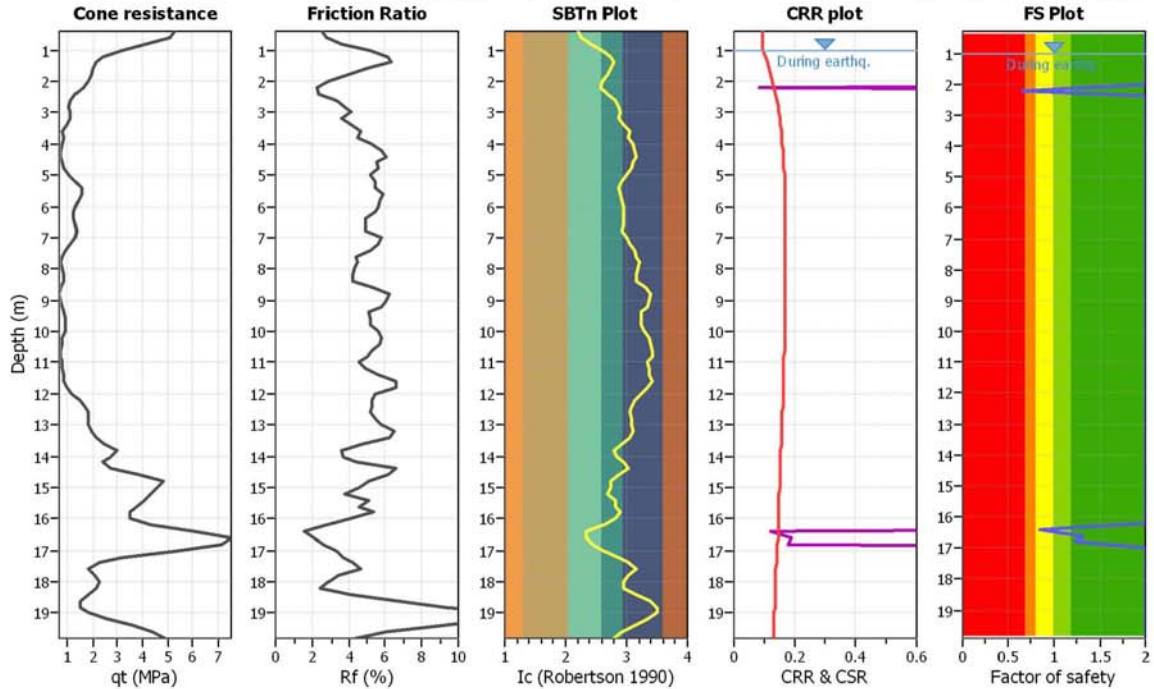
**Project title :**

**Location :**

**CPT file : 203010C151**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

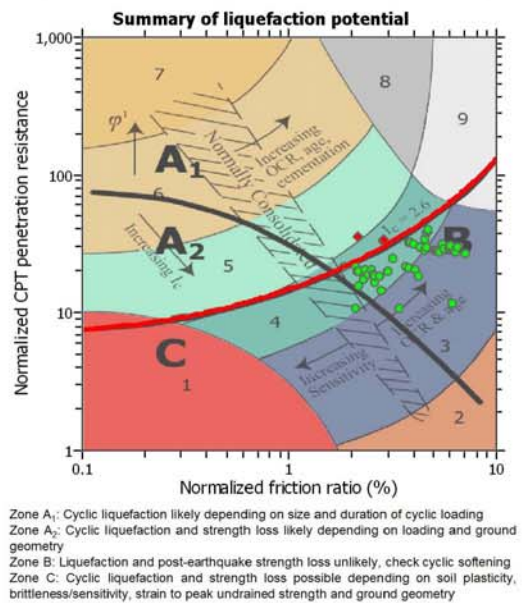
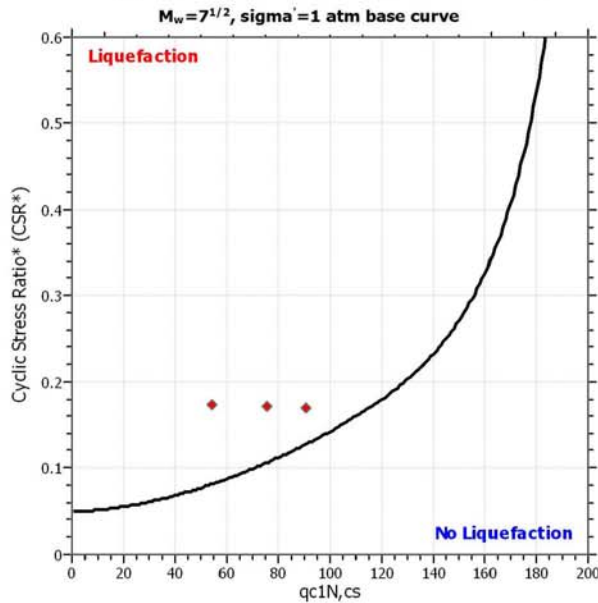
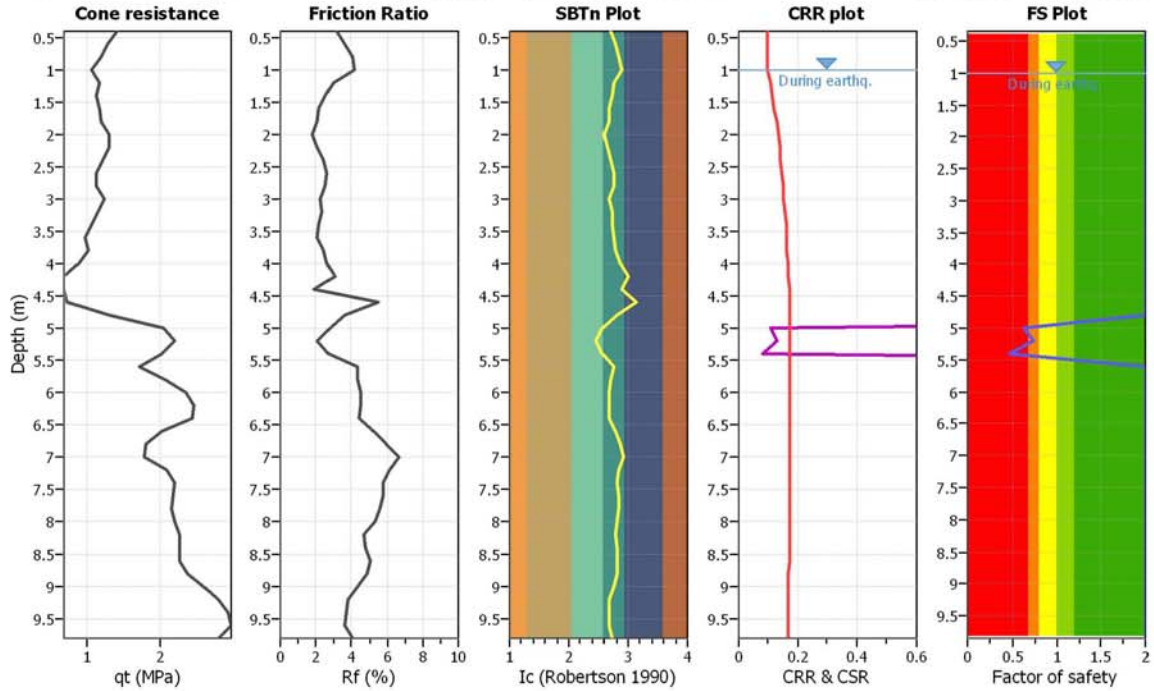
**Project title :**

**Location :**

**CPT file : 203010C152**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

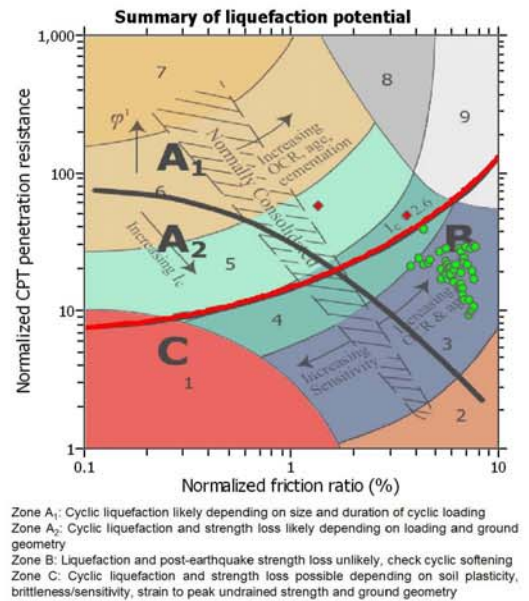
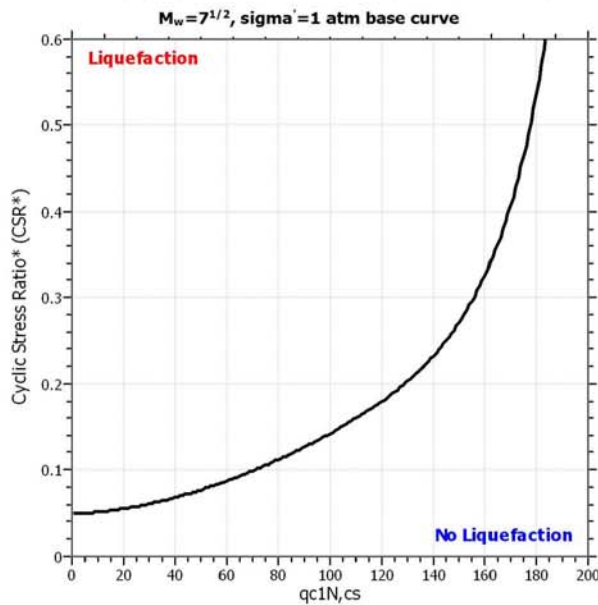
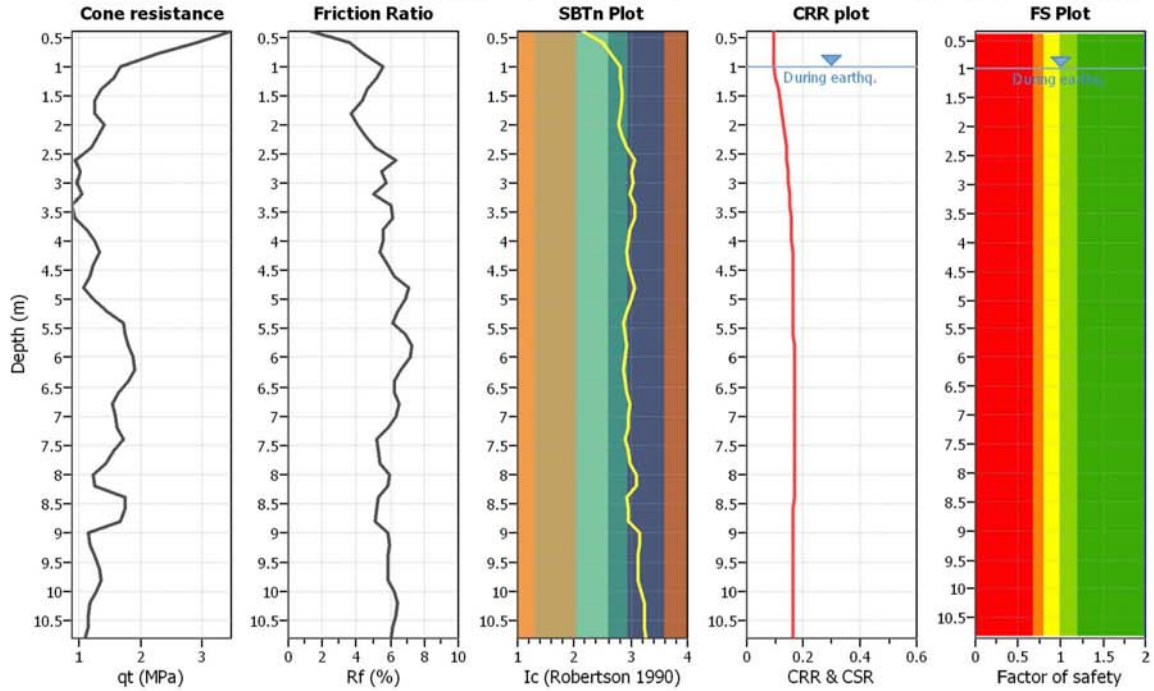
**Project title :**

**Location :**

**CPT file : 203010C153**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

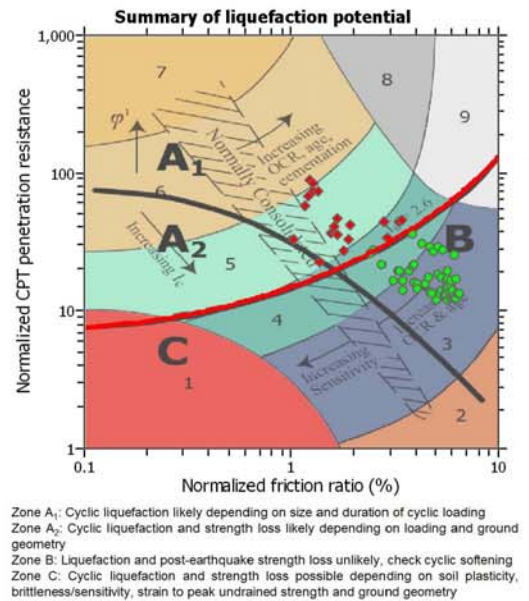
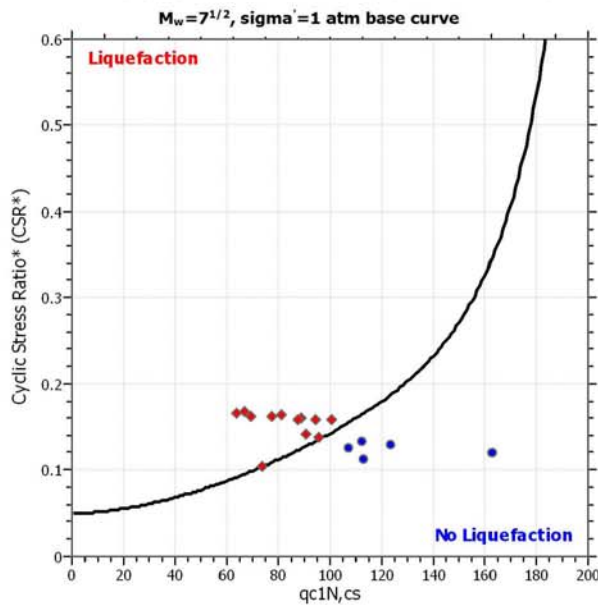
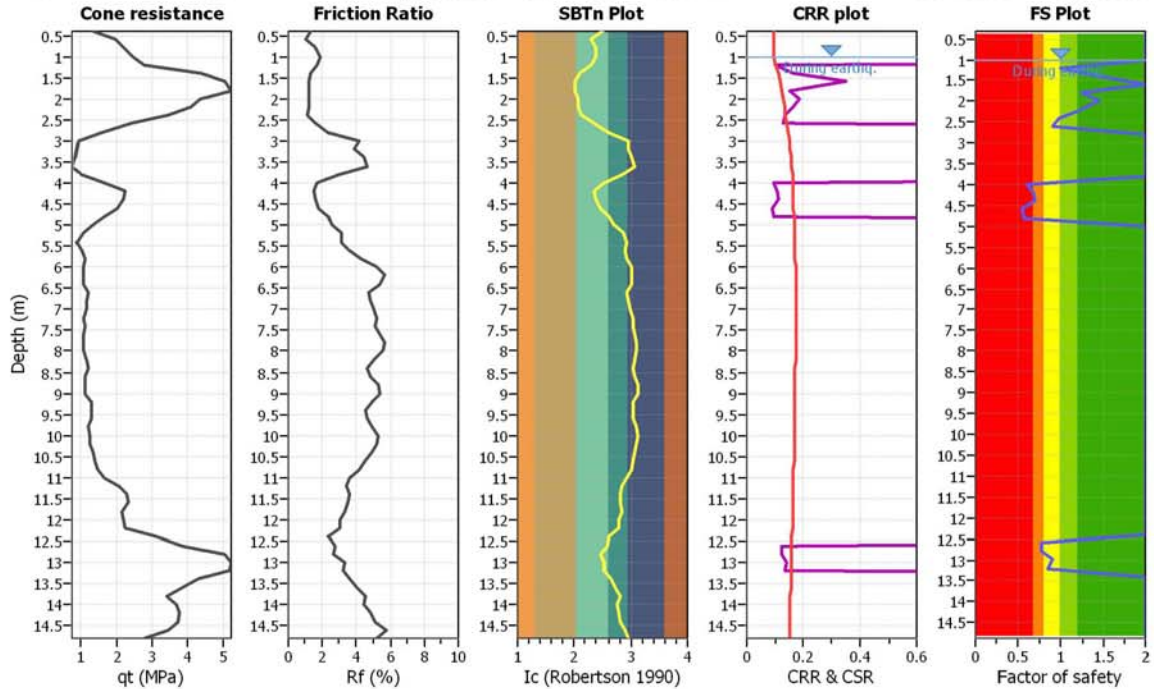
**Project title :**

**Location :**

**CPT file : 203010C154**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

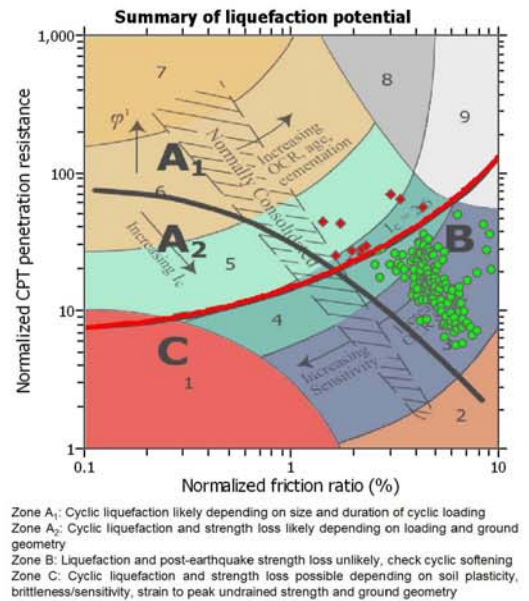
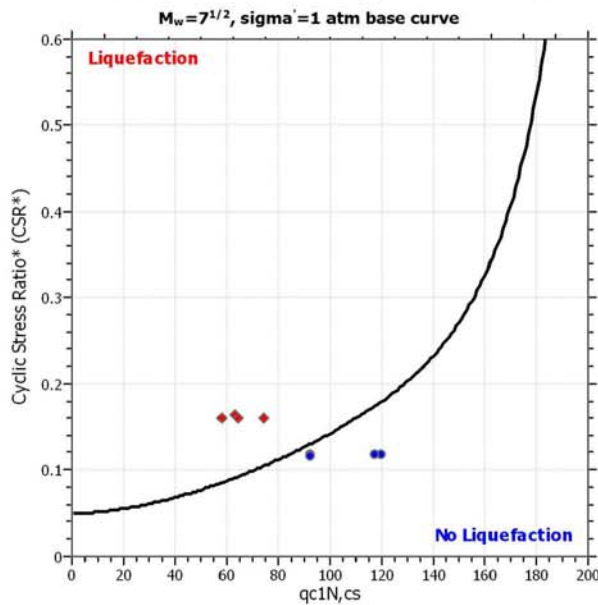
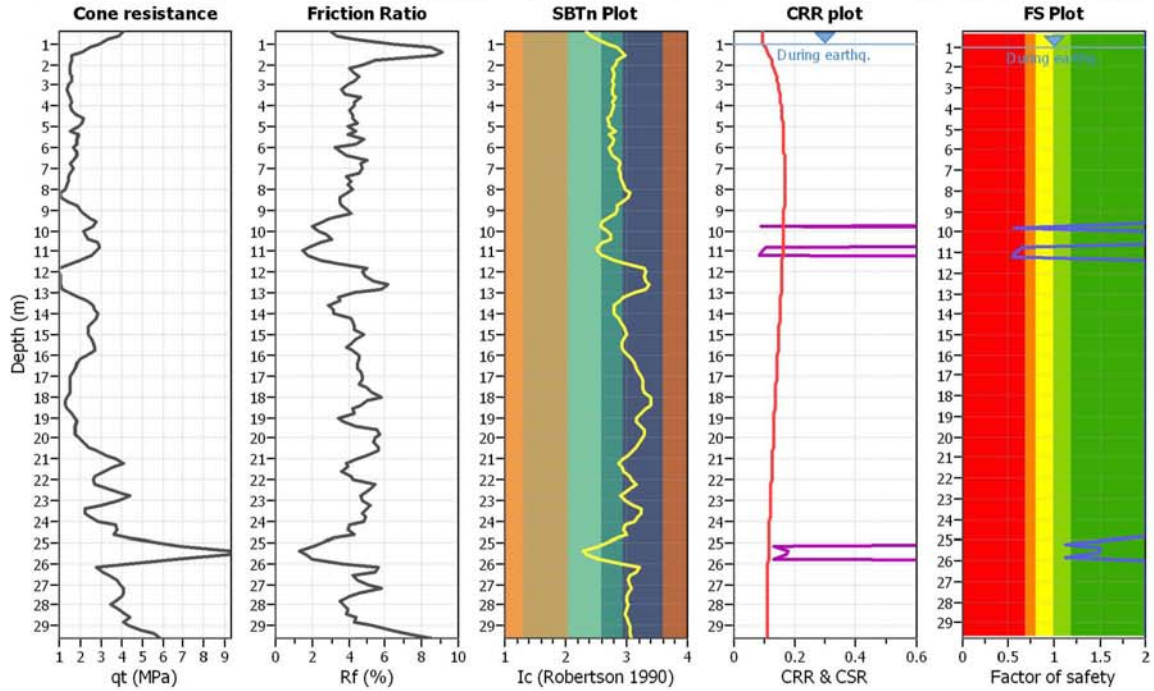
**Project title :**

**Location :**

**CPT file : 203010C155**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

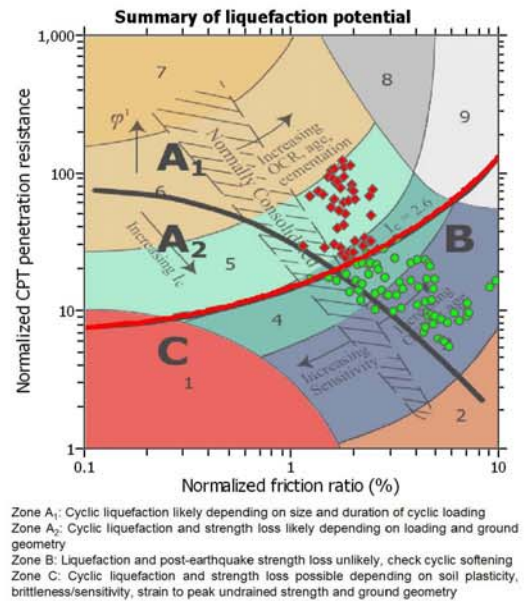
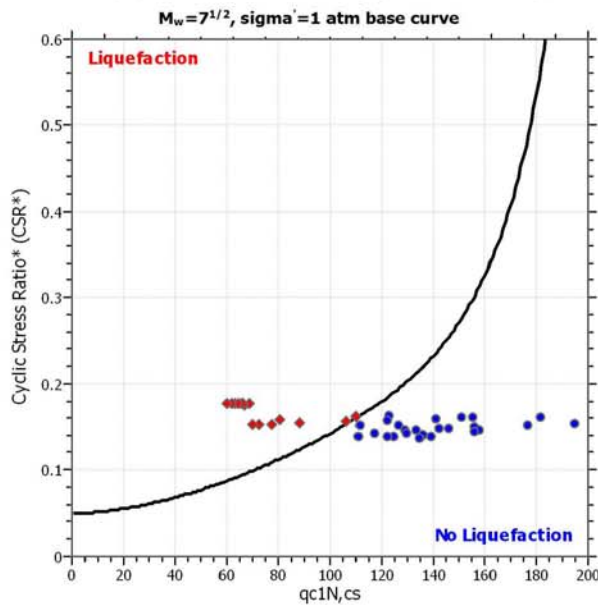
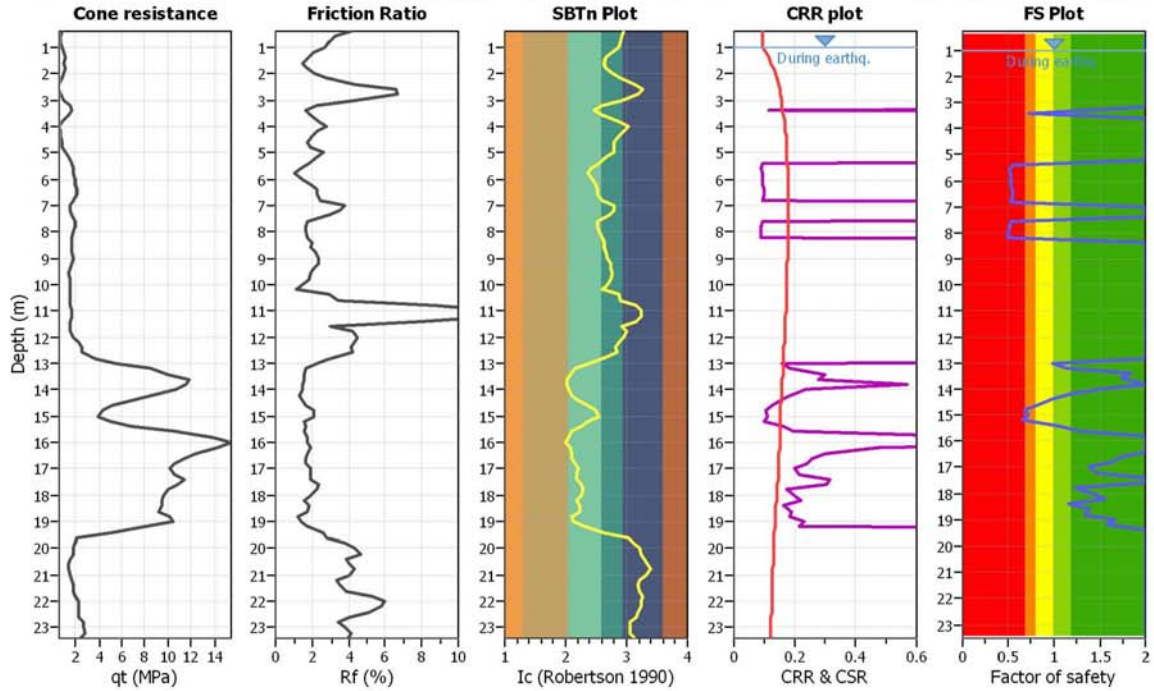
**Project title :**

**Location :**

**CPT file : 203010C156**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

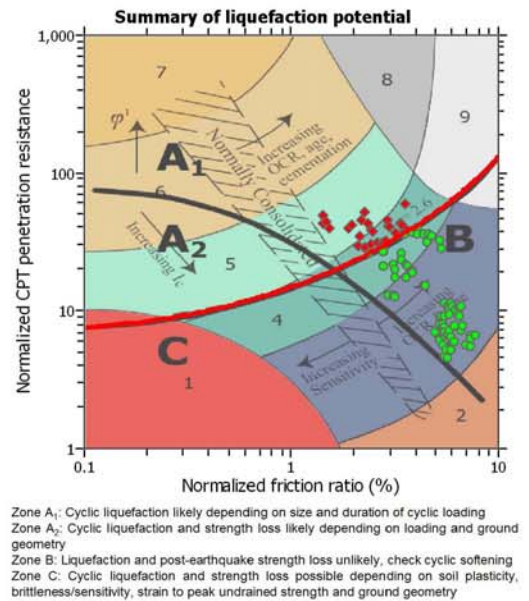
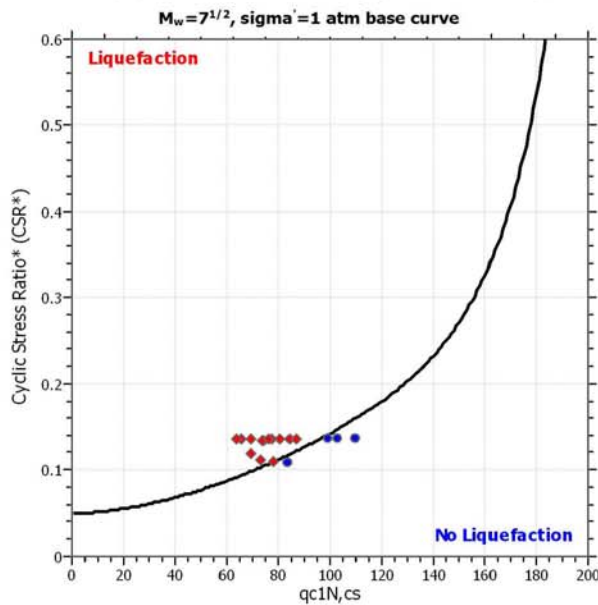
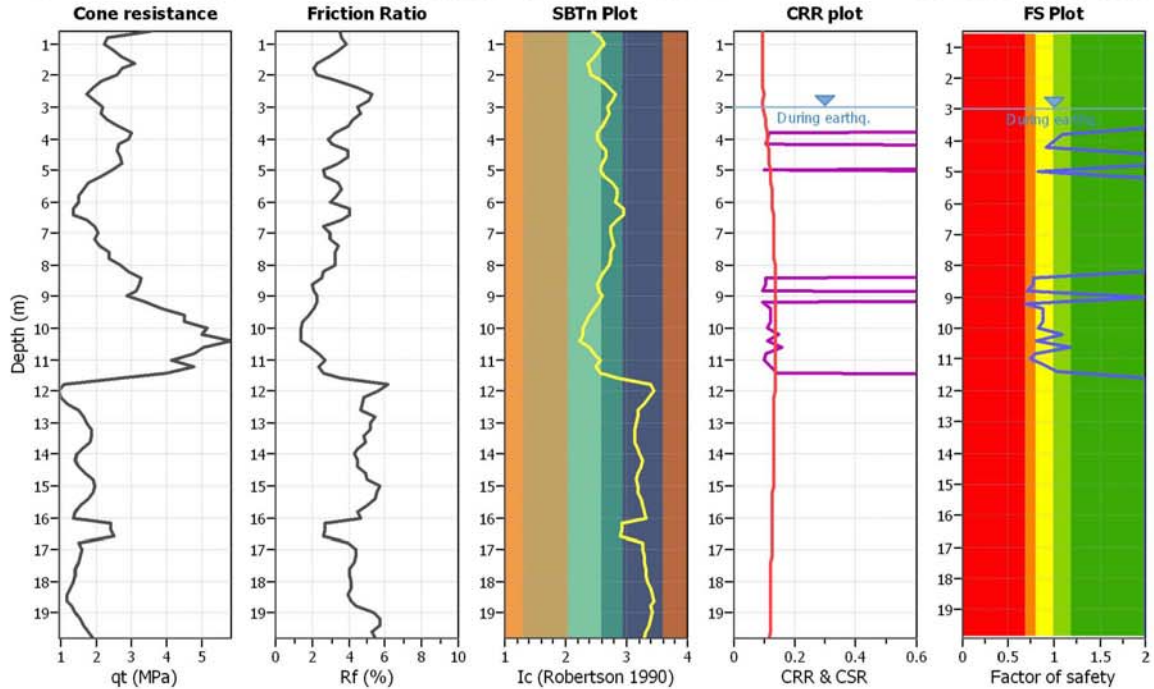
**Project title :**

**Location :**

**CPT file : 203010C157A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

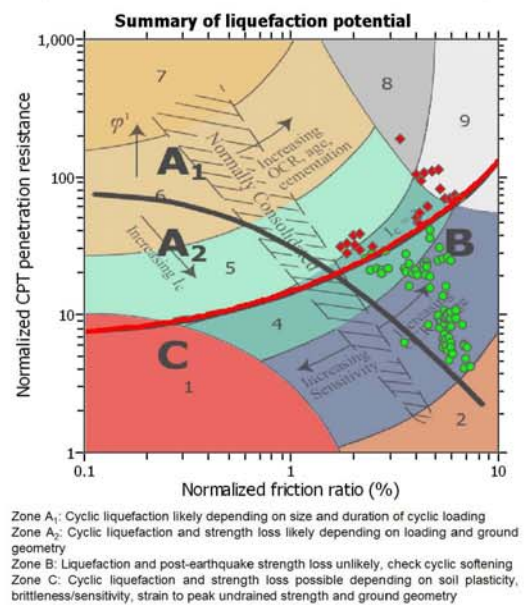
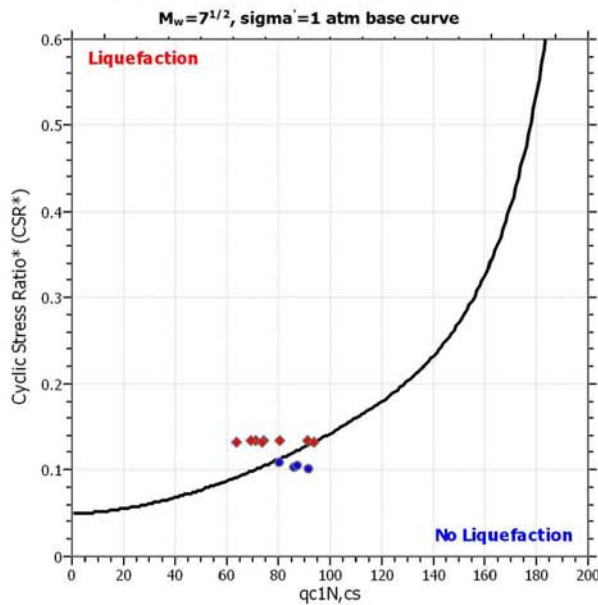
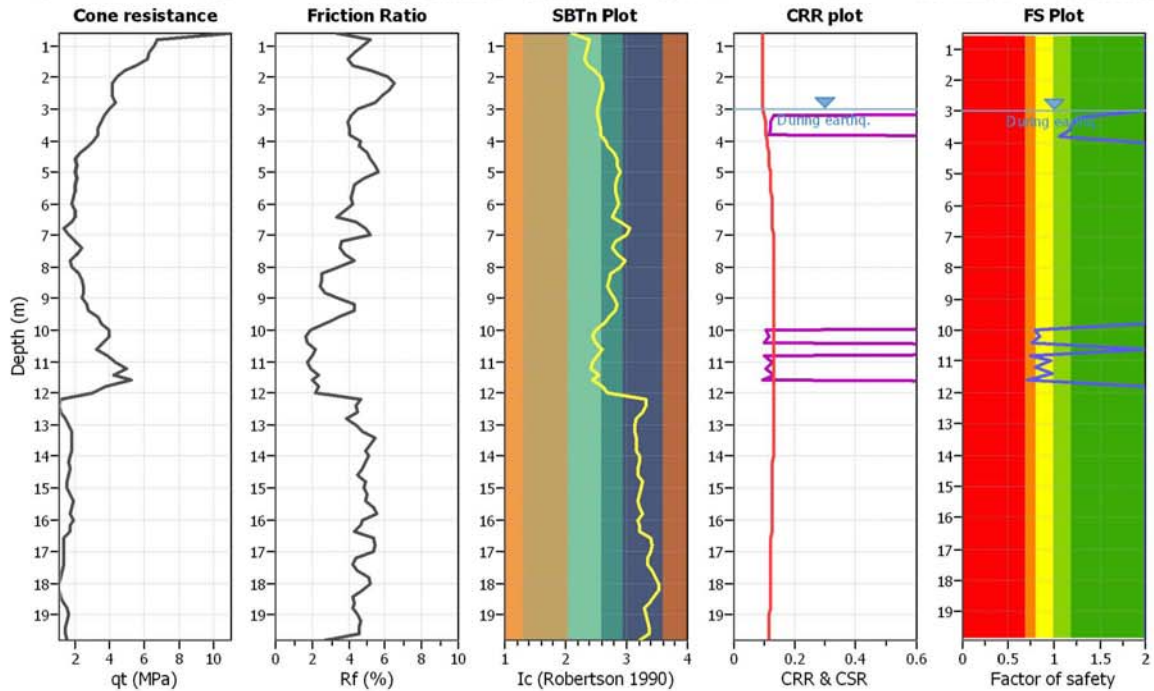
**Project title :**

**Location :**

**CPT file : 203010C157B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

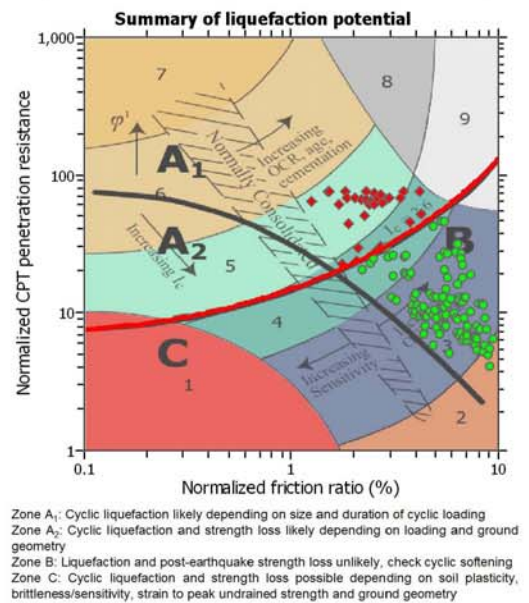
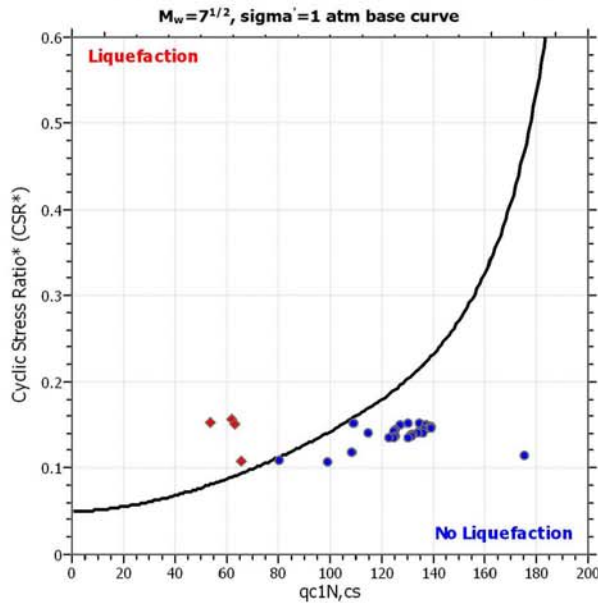
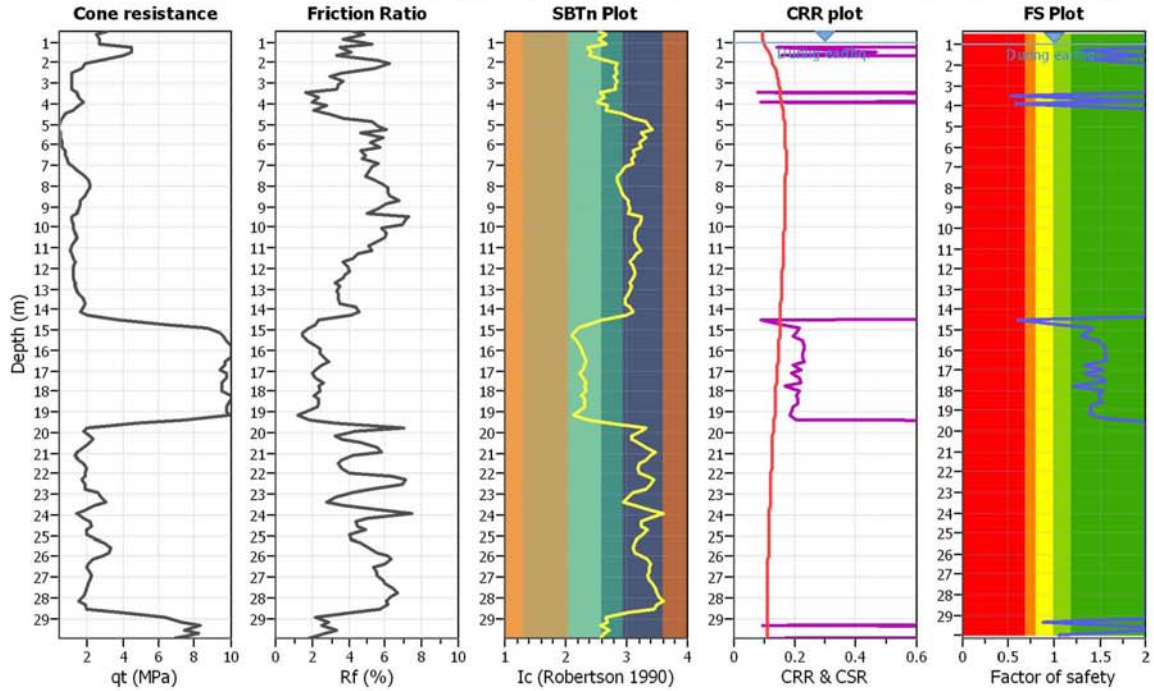
**Project title :**

**Location :**

**CPT file : 203010C158A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

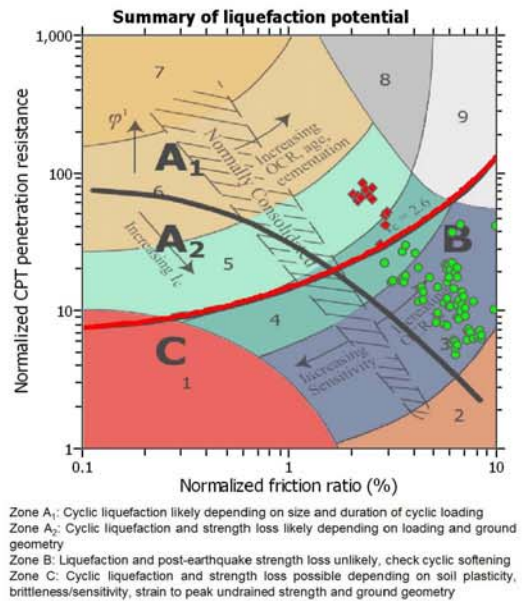
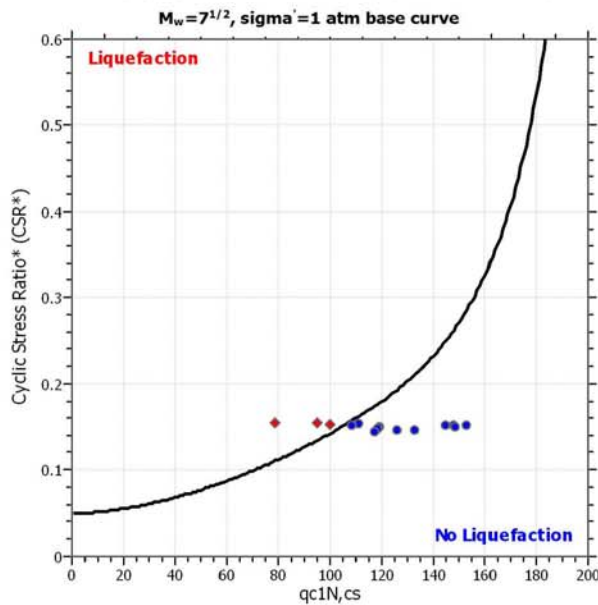
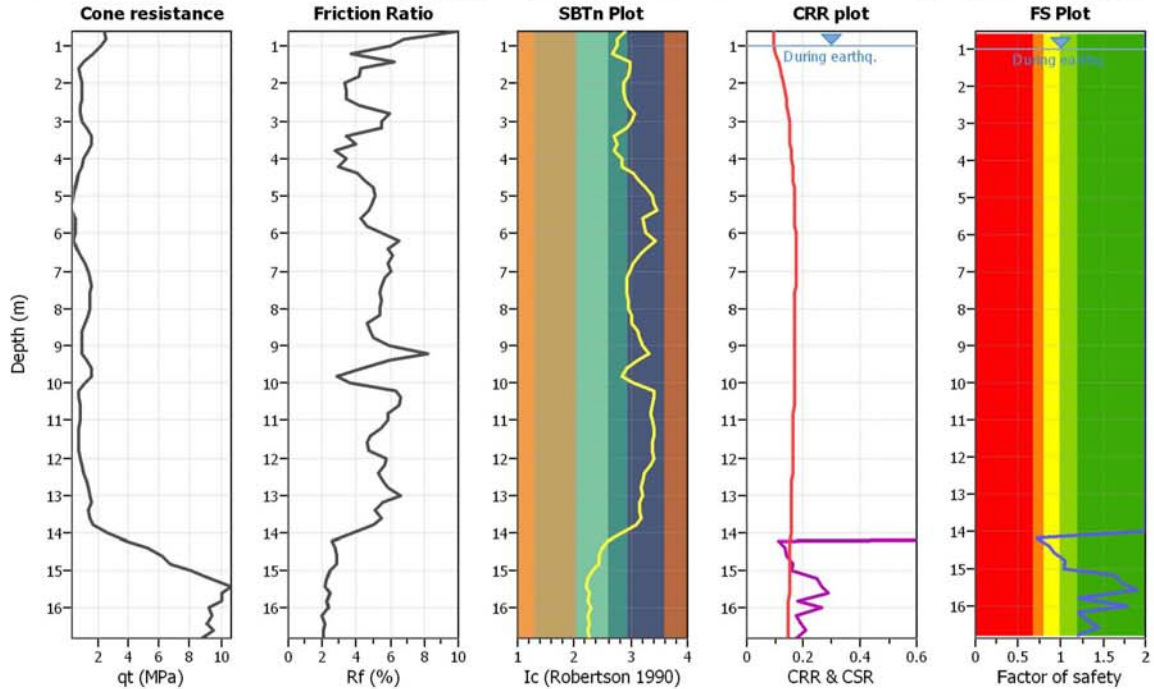
**Project title :**

**Location :**

**CPT file : 203010C158B**

**Input parameters and analysis data**

Analysis method: I&B (2008)	G.W.T. (in-situ): 1.00 m	Use fill: No	Clay like behavior applied: No
Fines correction method: I&B (2008)	G.W.T. (earthq.): 1.00 m	Fill height: N/A	Sands only applied: No
Points to test: Based on Ic value	Average results interval: 3	Fill weight: N/A	Limit depth applied: N/A
Earthquake magnitude $M_w$ : 6.14	Ic cut-off value: 2.60	Trans. detect. applied: No	Limit depth: N/A
Peak ground acceleration: 0.23	Unit weight calculation: Based on SBT	$K_0$ applied: Yes	MSF method: Method based



**LIQUEFACTION ANALYSIS REPORT**

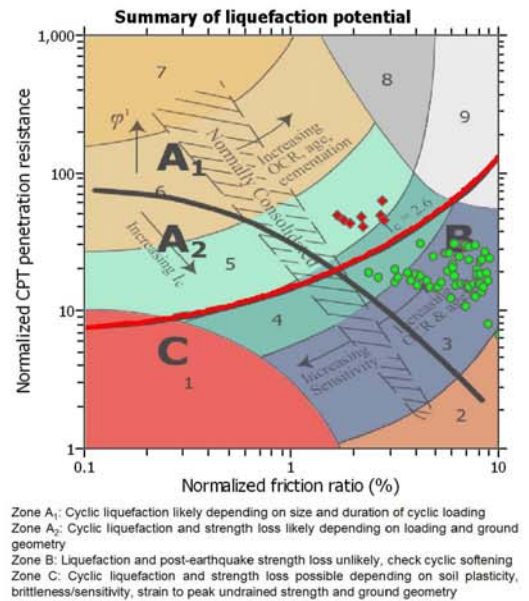
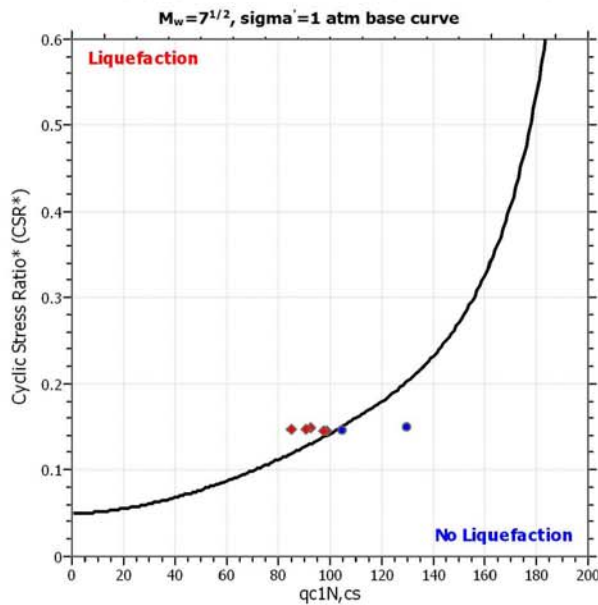
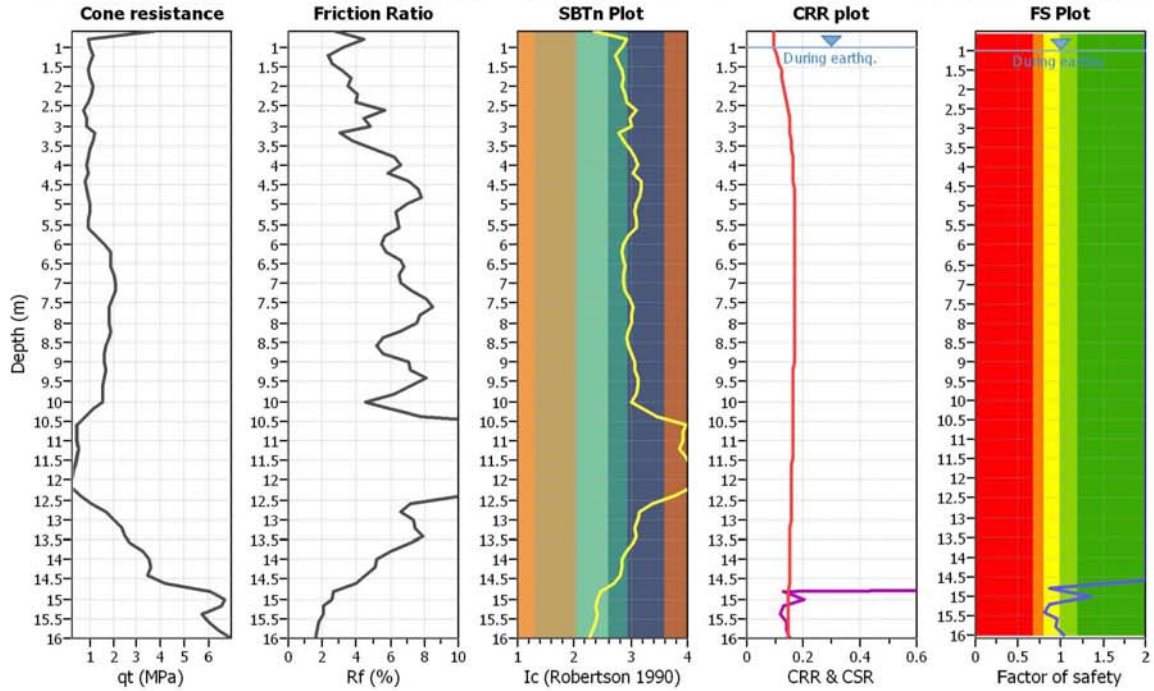
**Project title :**

**Location :**

**CPT file : 203010C159**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

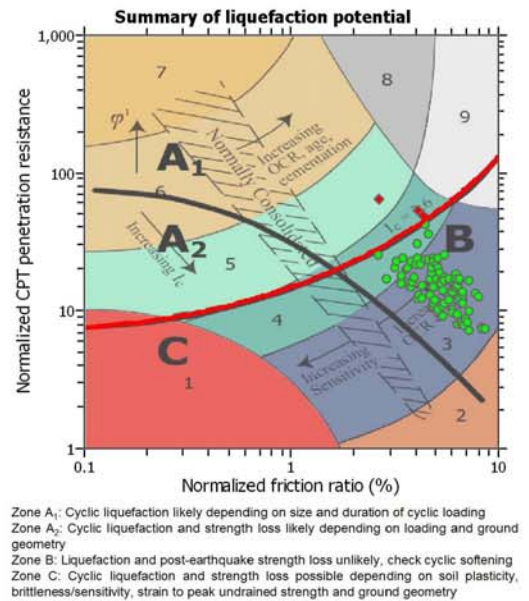
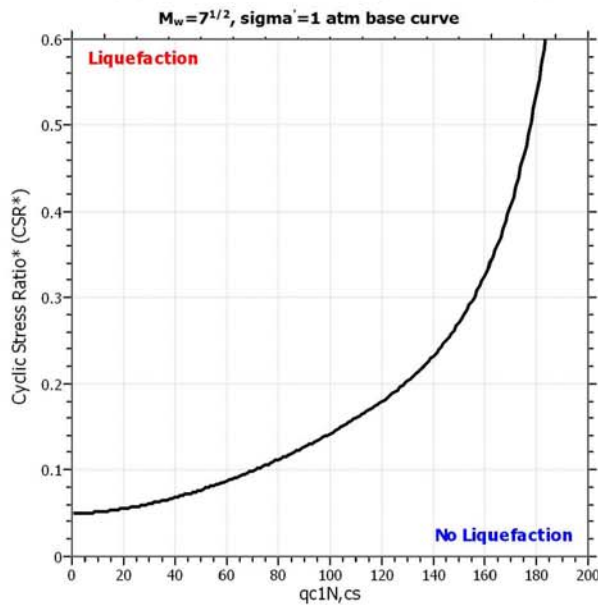
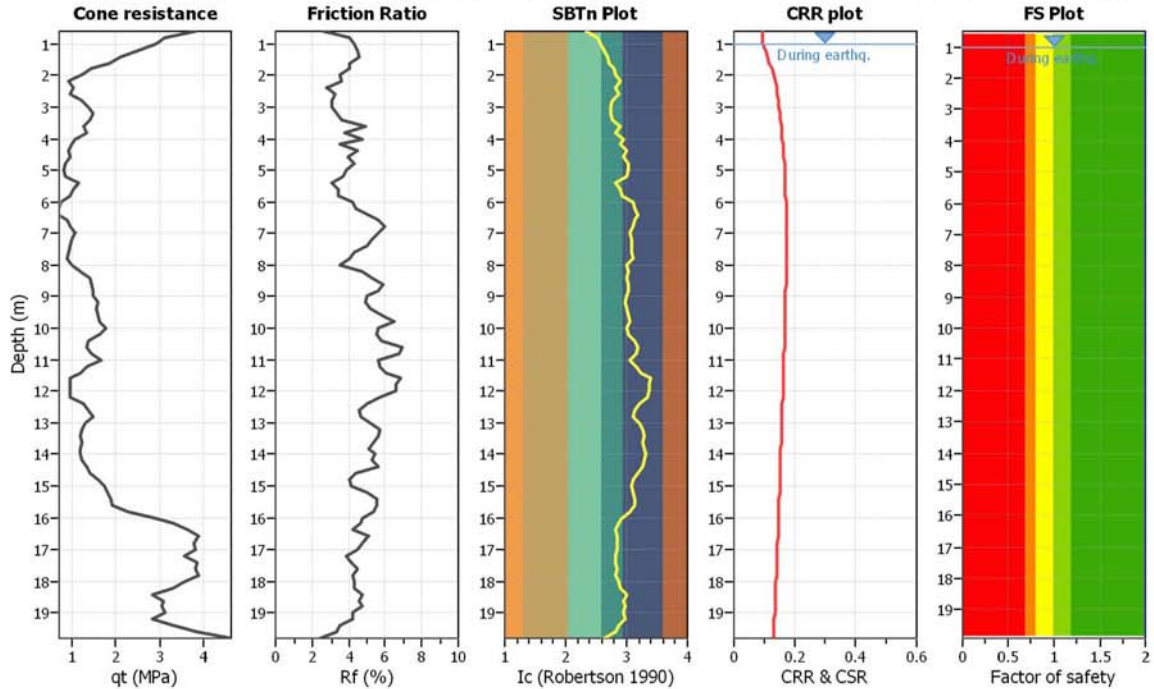
**Project title :**

**Location :**

**CPT file : 203010C160A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

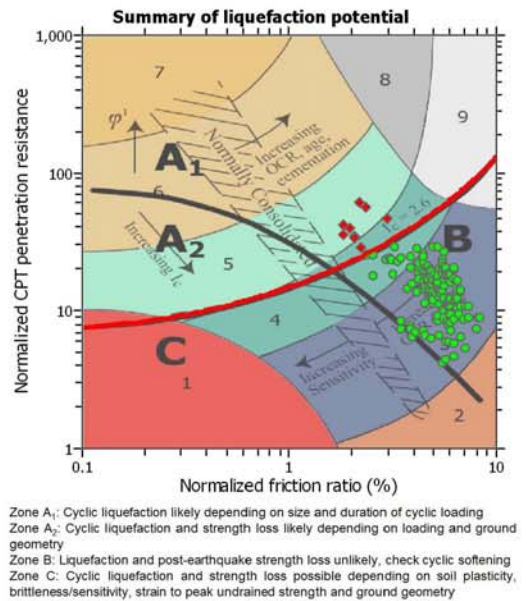
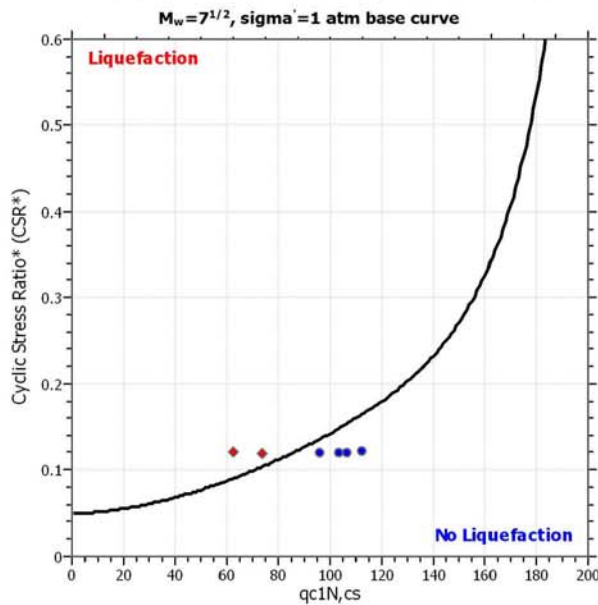
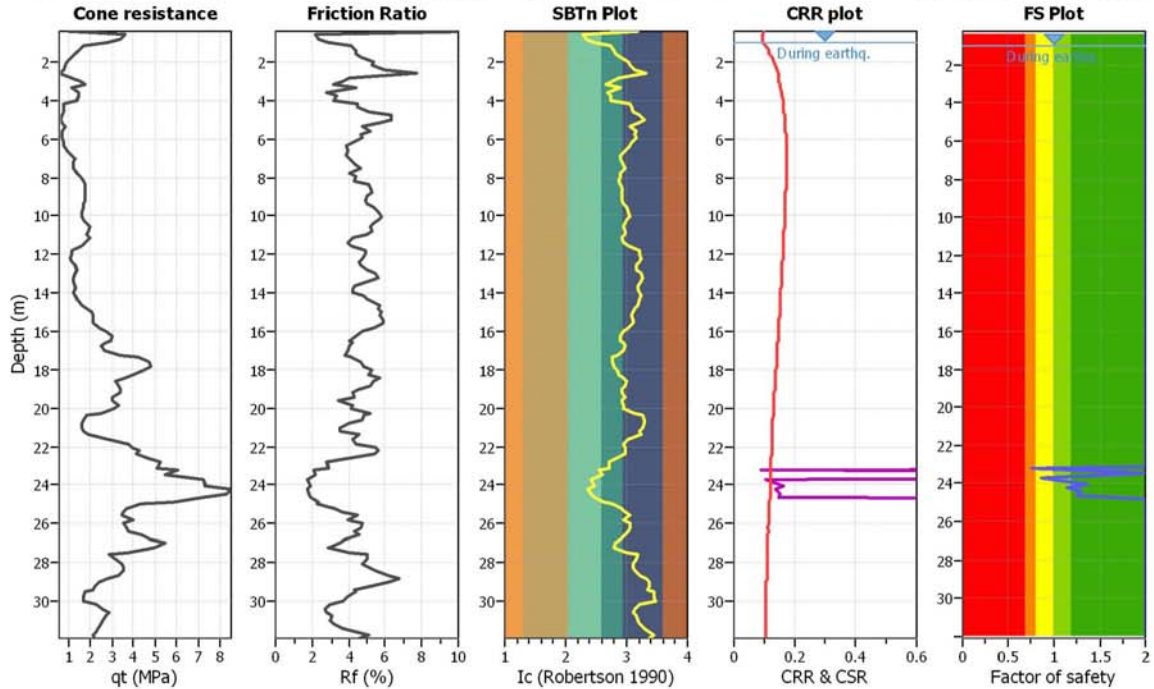
**Project title :**

**Location :**

**CPT file : 203010C160B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

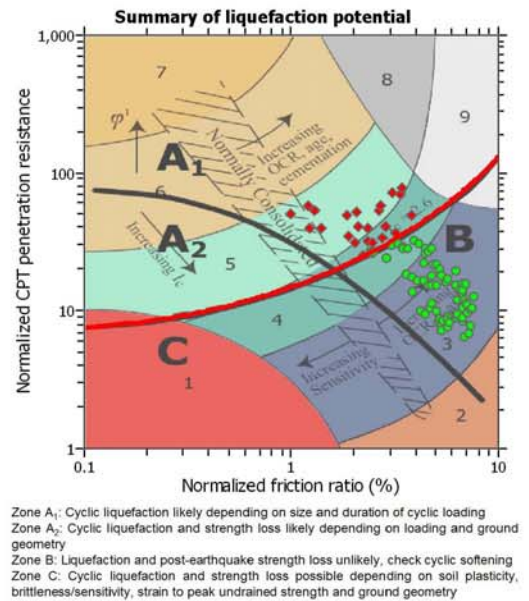
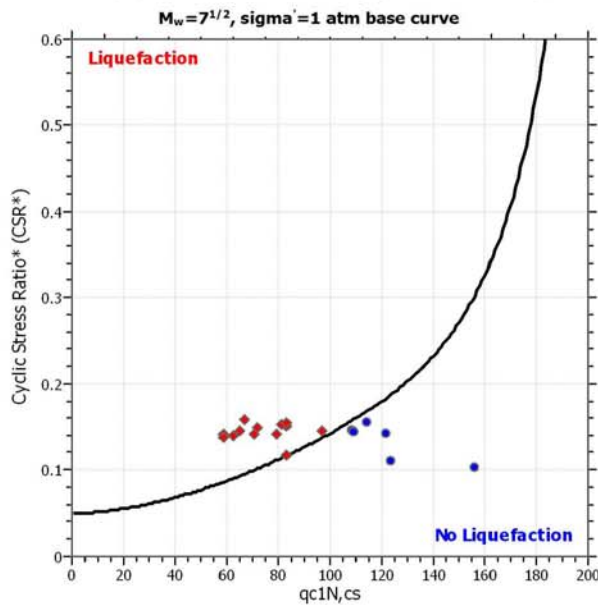
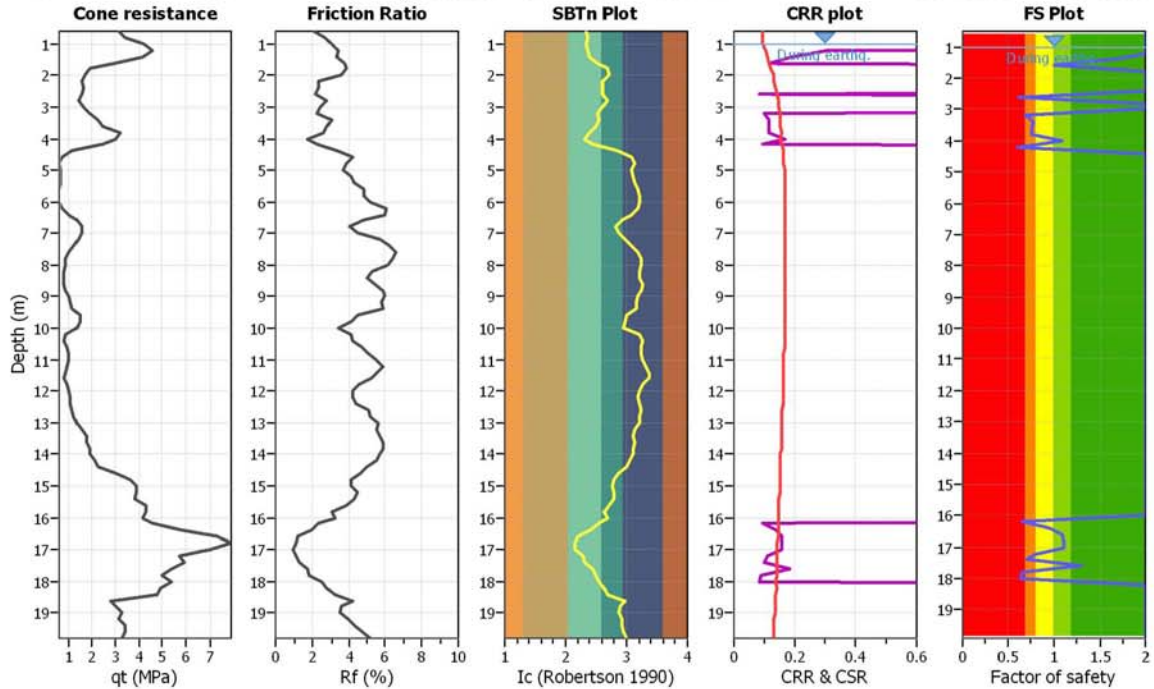
**Project title :**

**Location :**

**CPT file : 203010C161A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

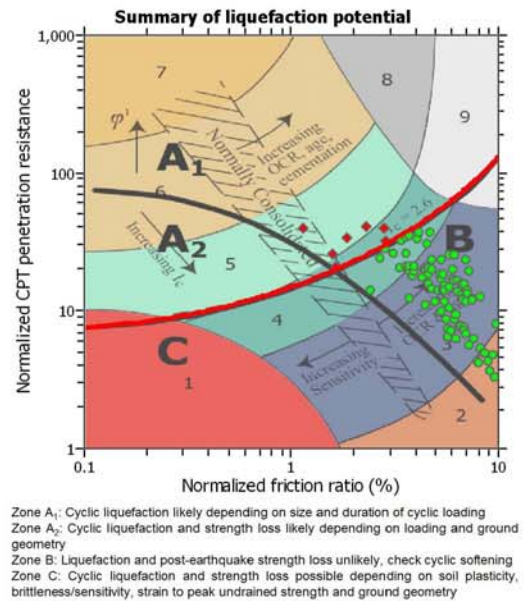
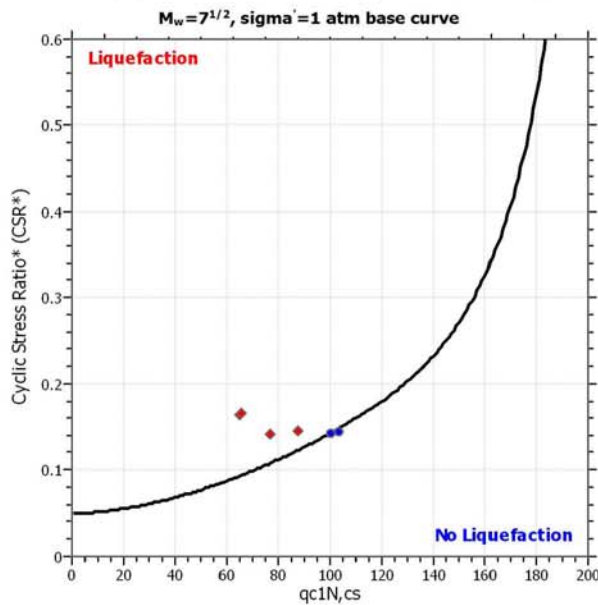
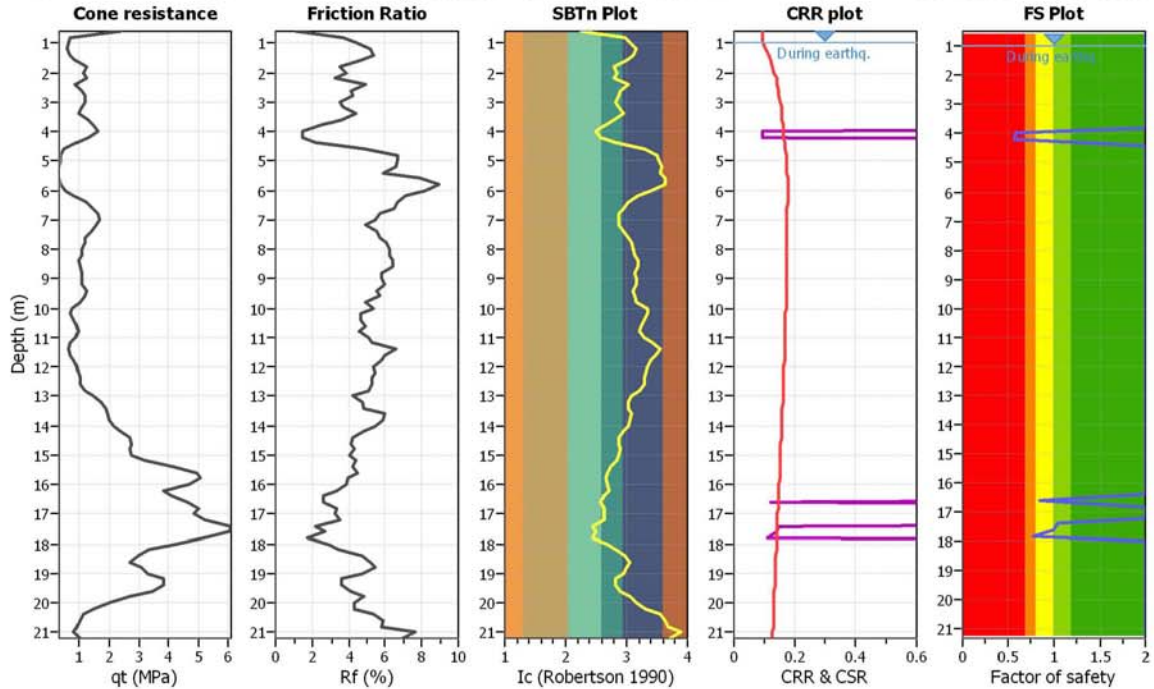
**Project title :**

**Location :**

**CPT file : 203010C161B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

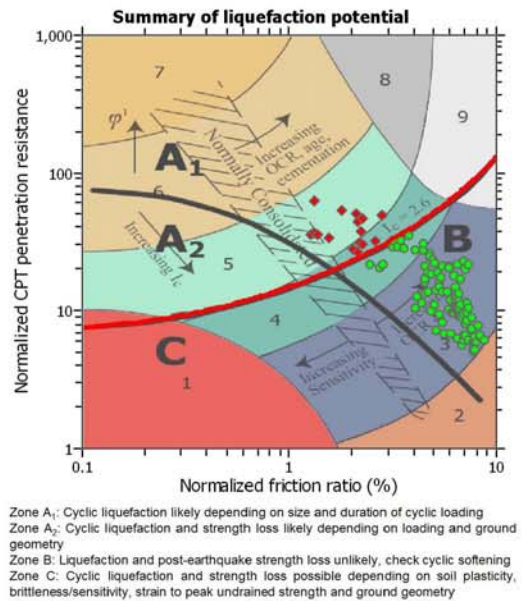
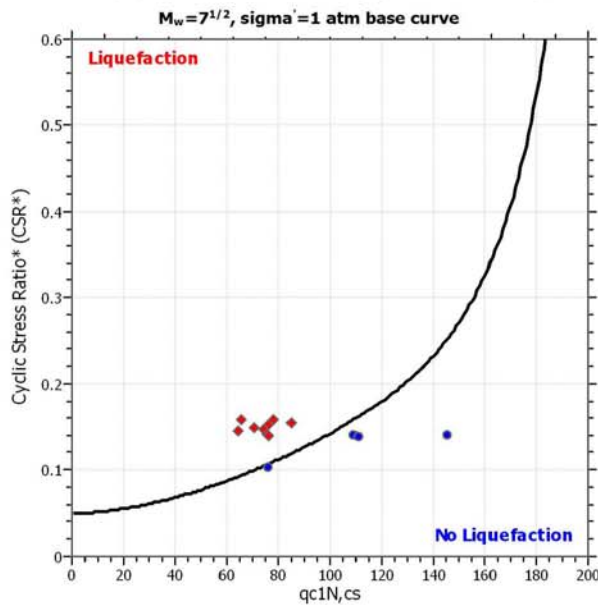
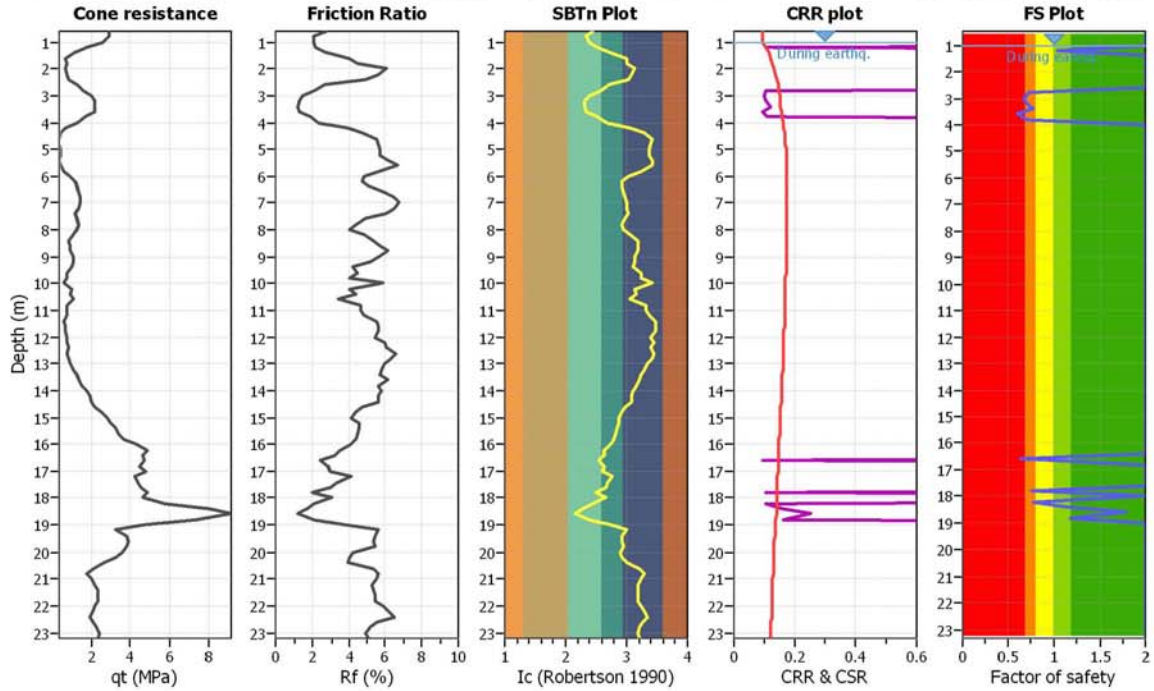
**Project title :**

**Location :**

**CPT file : 203010C162**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

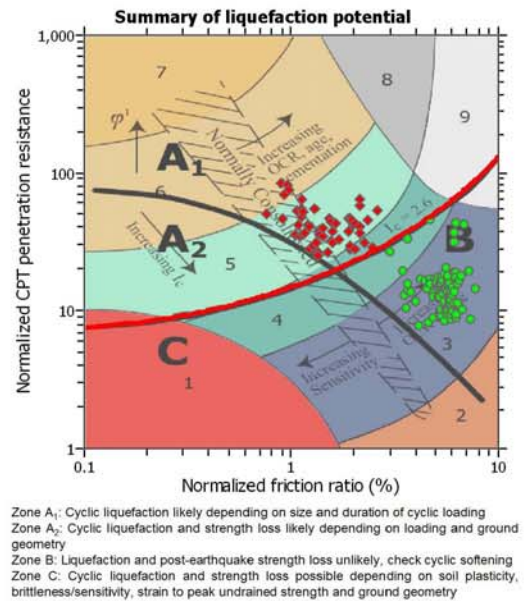
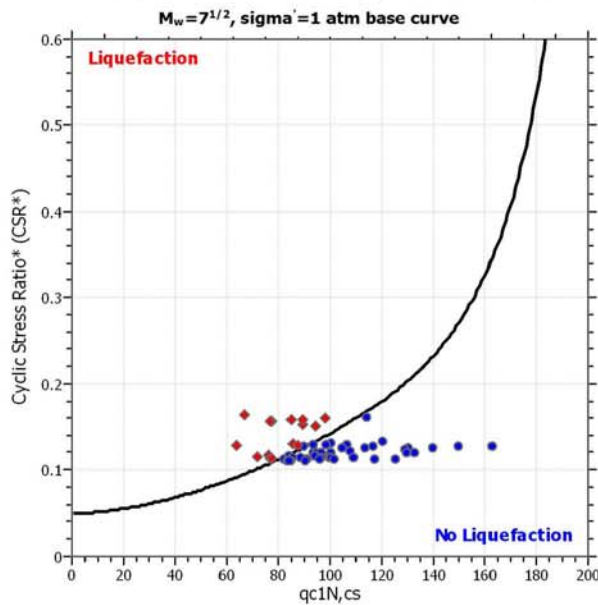
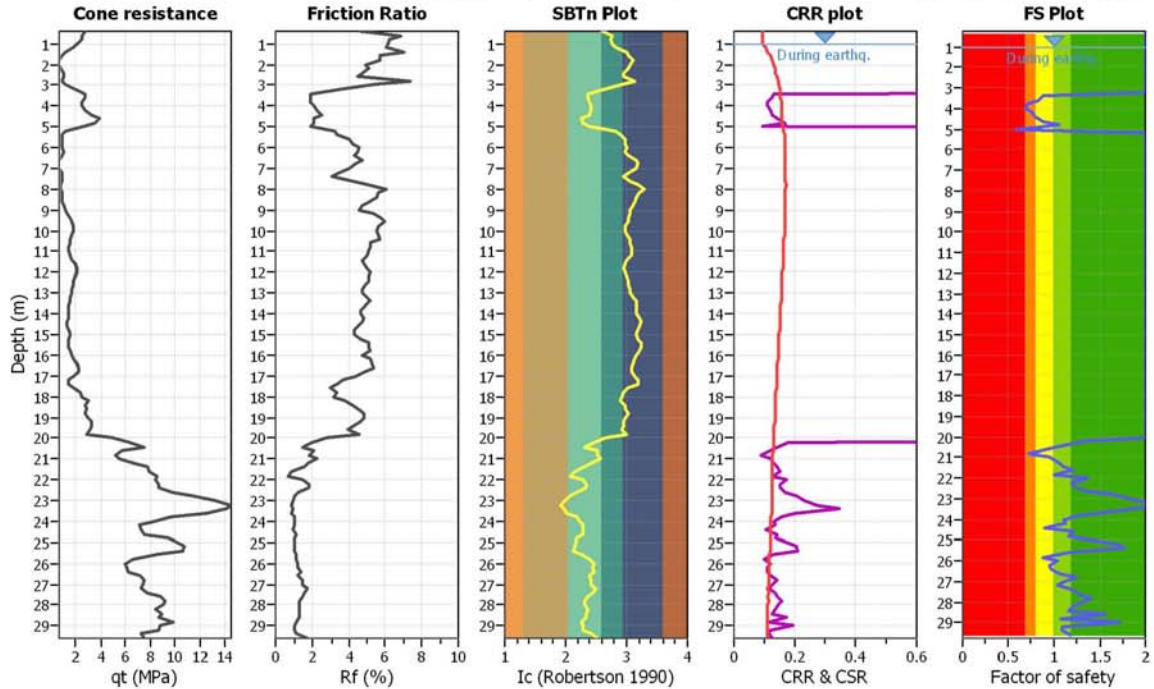
**Project title :**

**Location :**

**CPT file : 203010C163A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

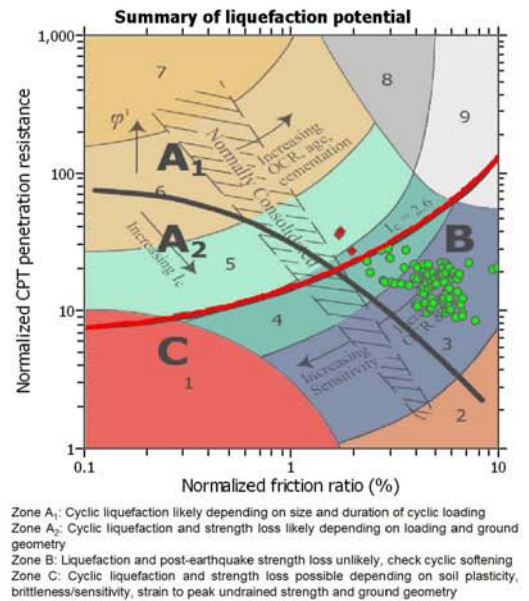
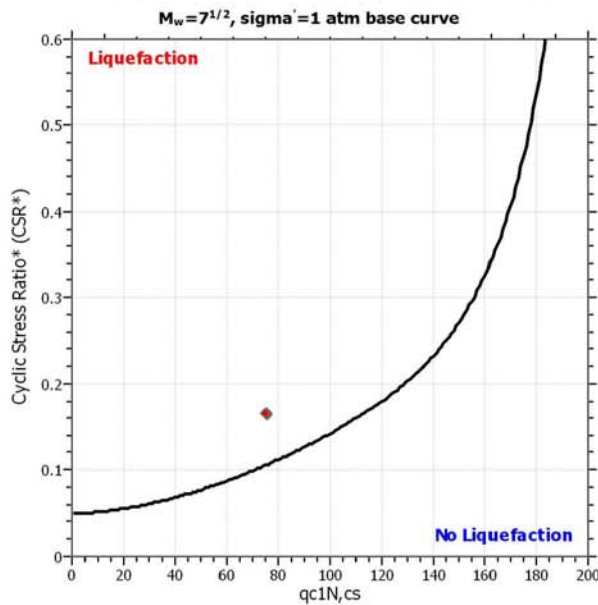
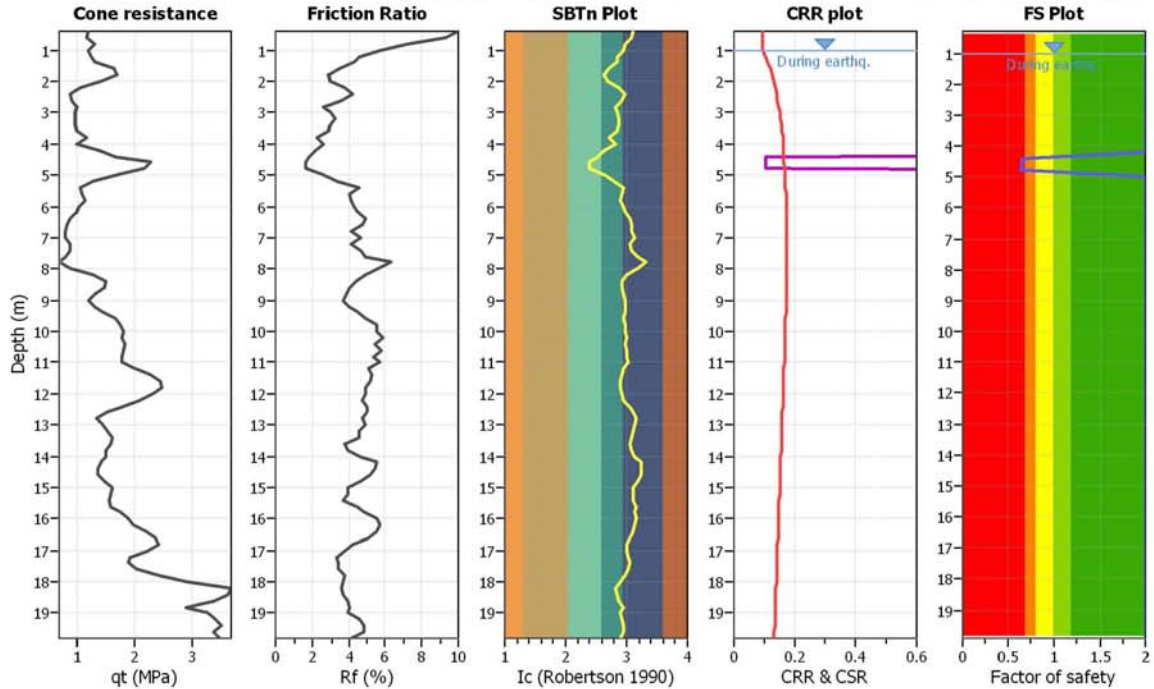
**Project title :**

**Location :**

**CPT file : 203010C163B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

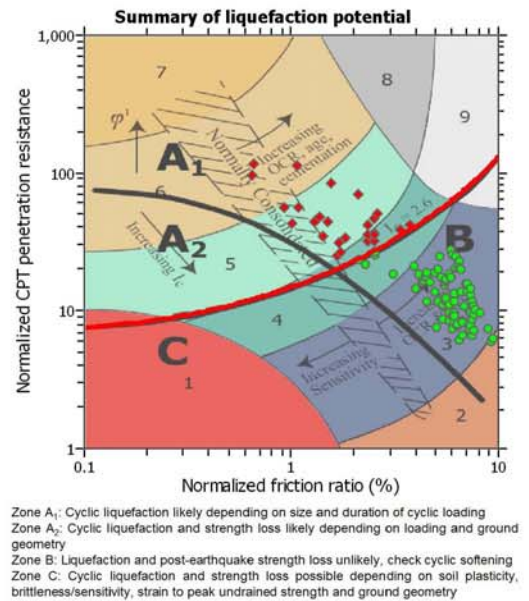
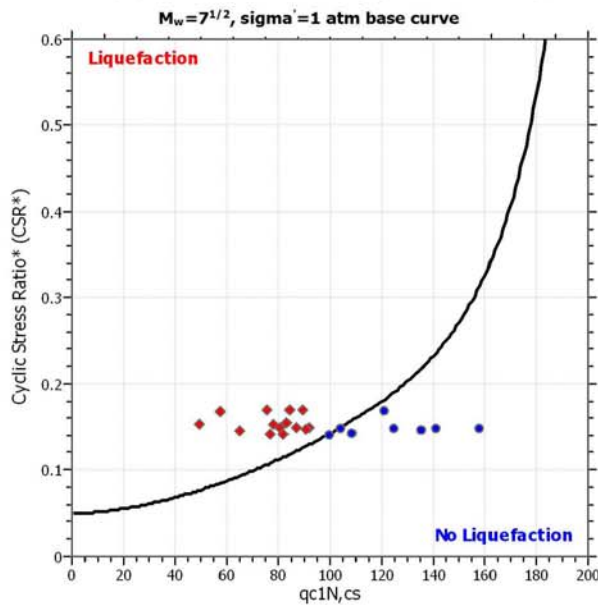
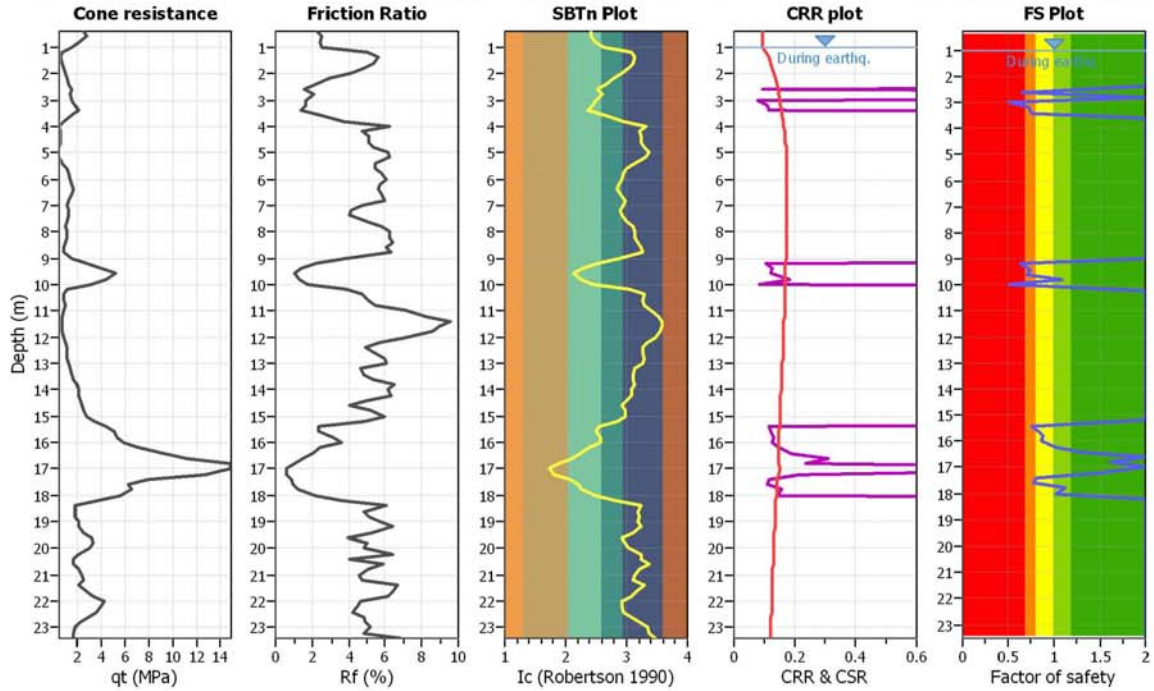
**Project title :**

**Location :**

**CPT file : 203010C164A**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

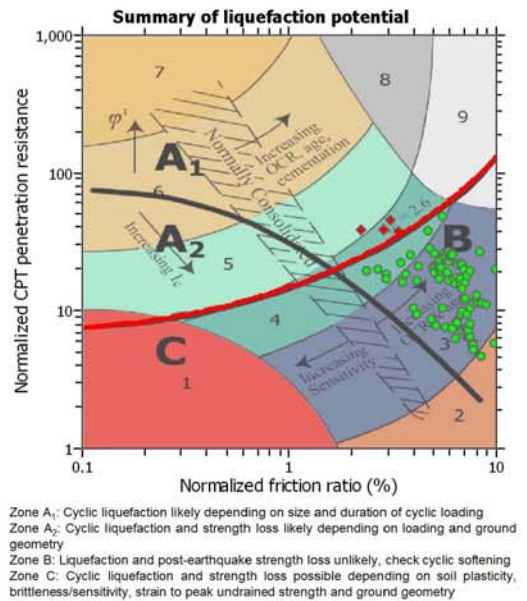
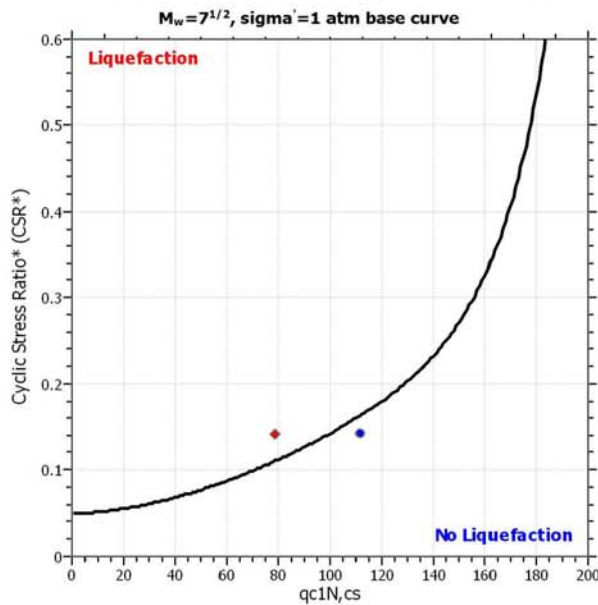
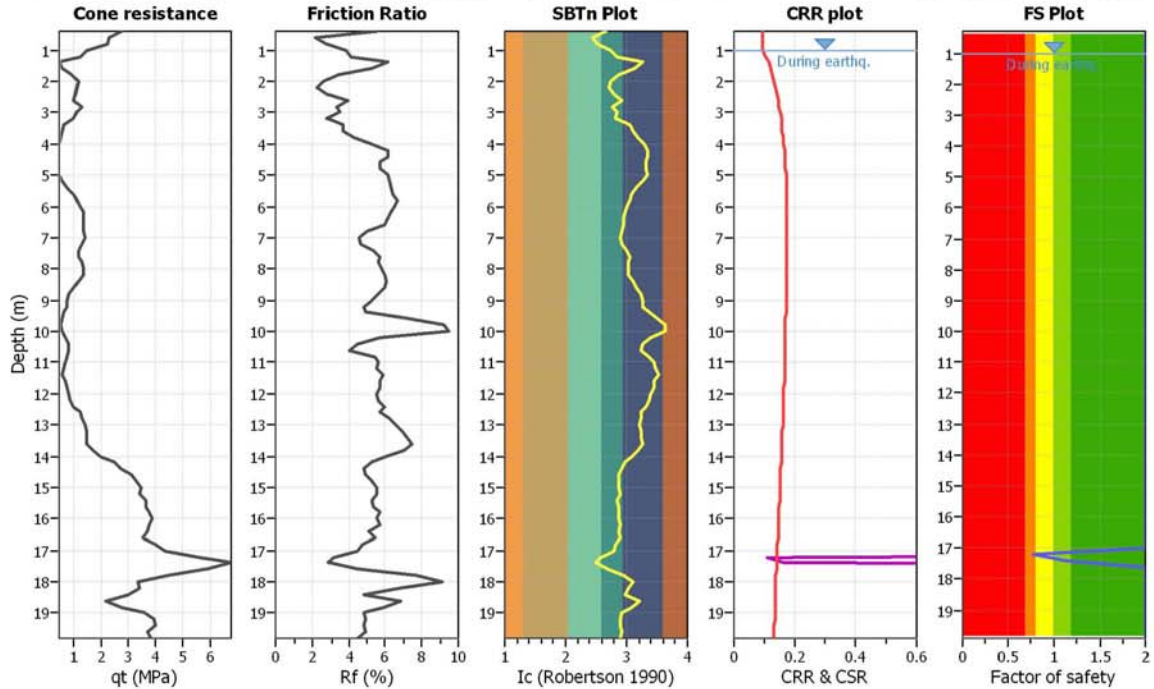
**Project title :**

**Location :**

**CPT file : 203010C164B**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

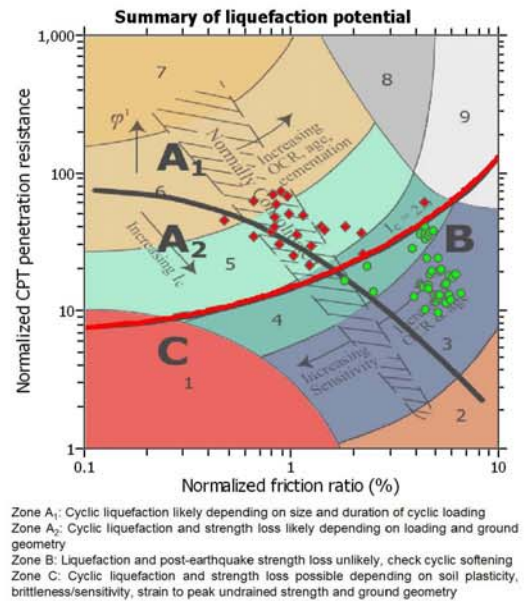
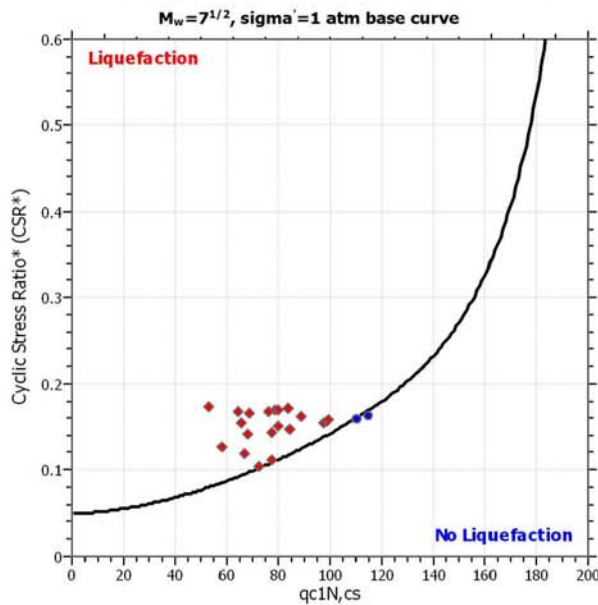
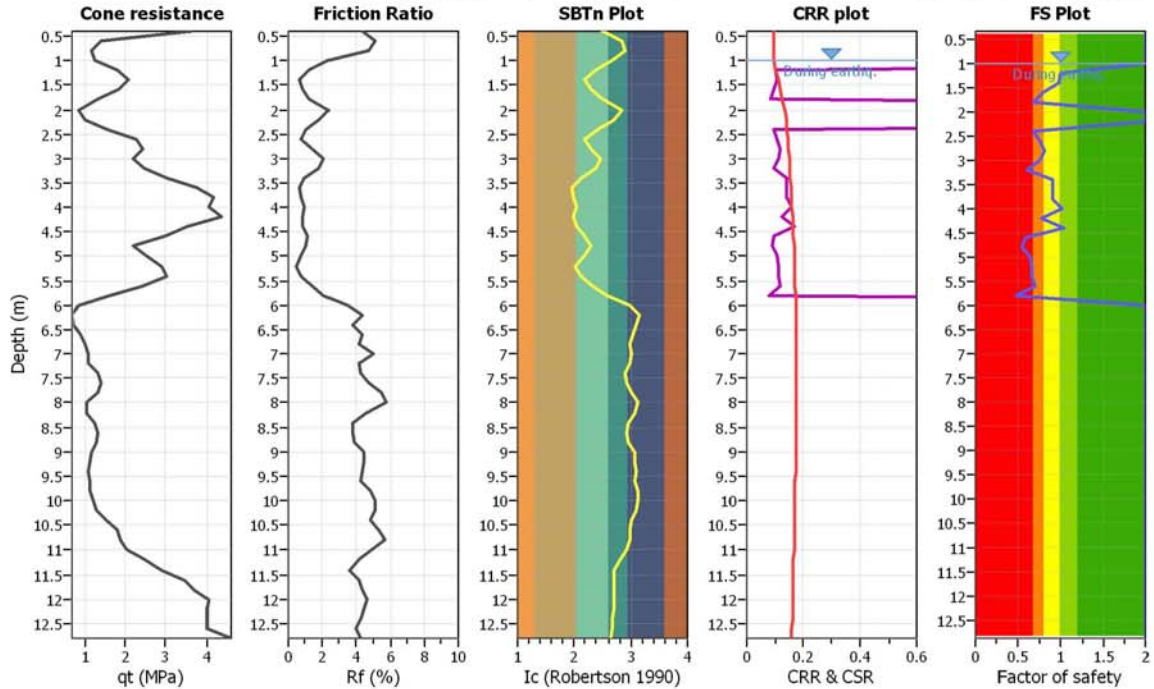
**Project title :**

**Location :**

**CPT file : 203010C165**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

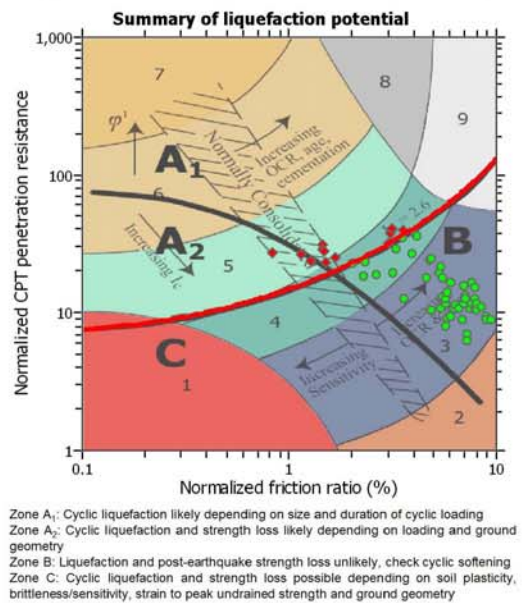
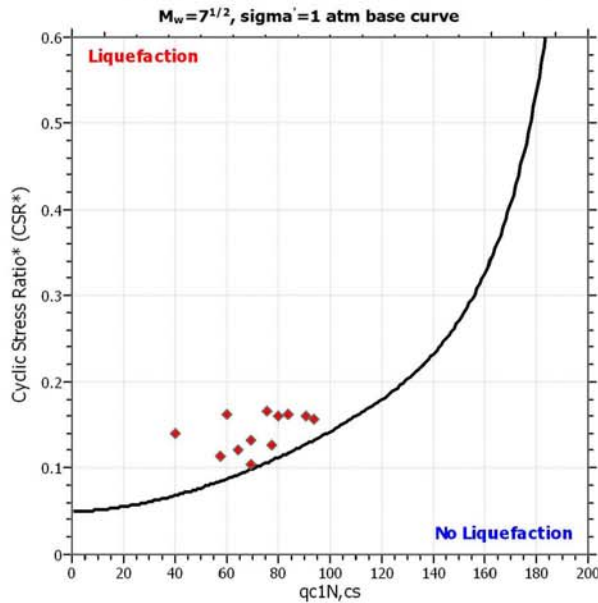
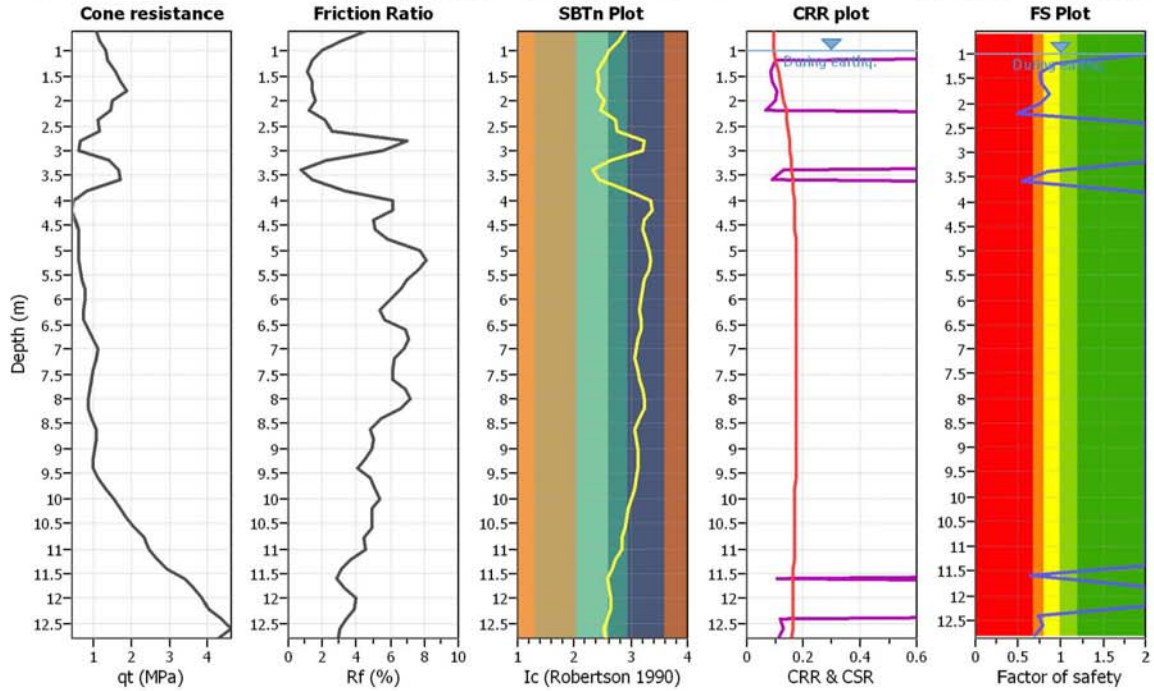
**Project title :**

**Location :**

**CPT file : 203010C166**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

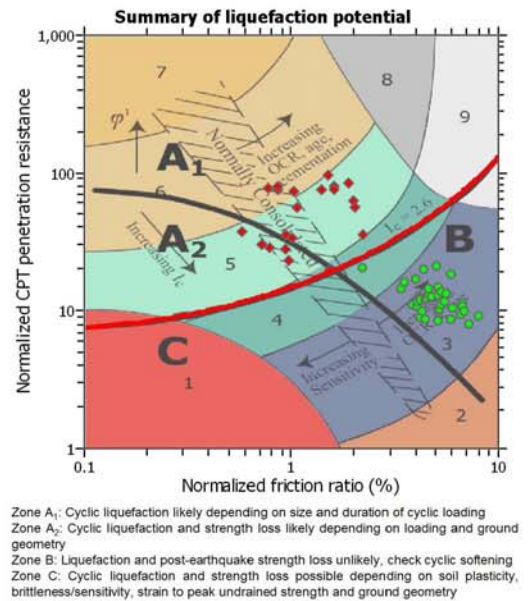
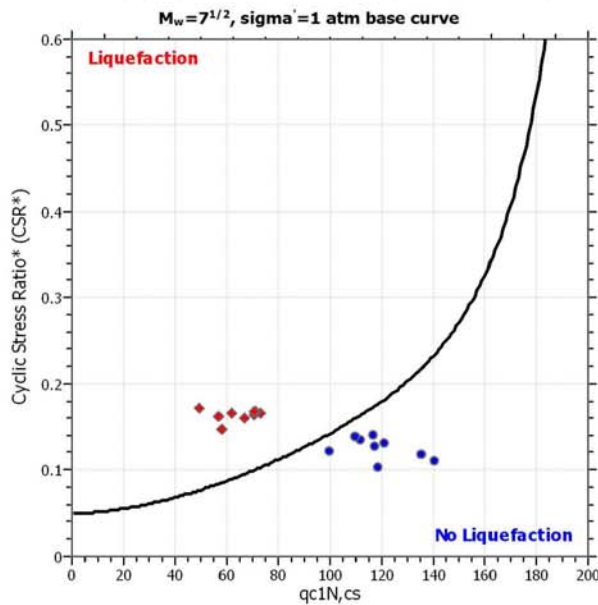
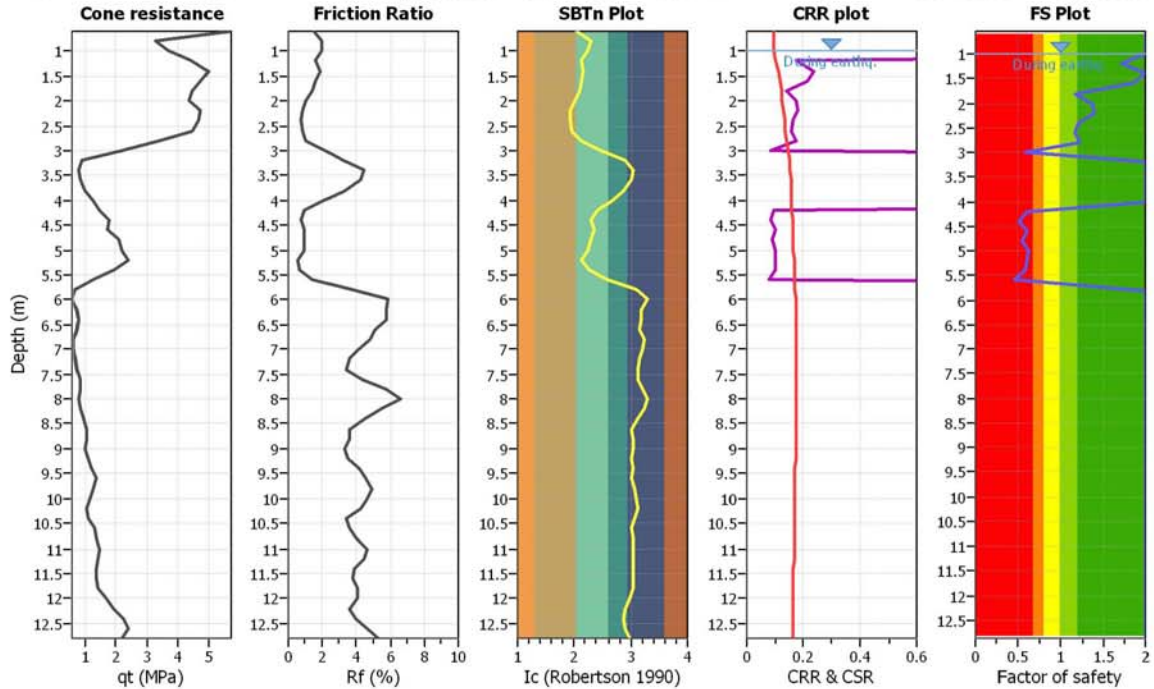
**Project title :**

**Location :**

**CPT file : 203010C167**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

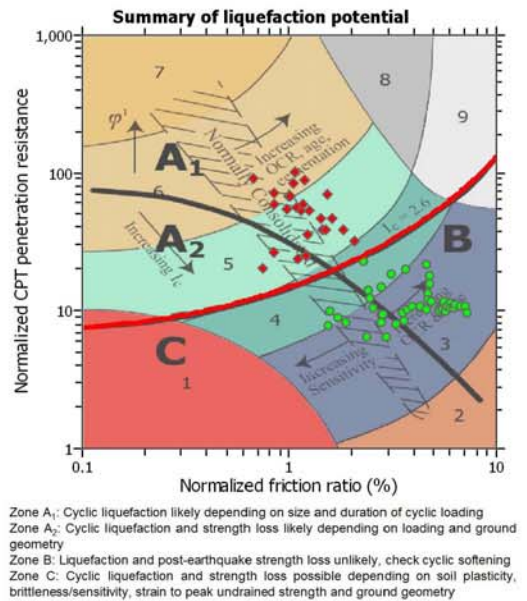
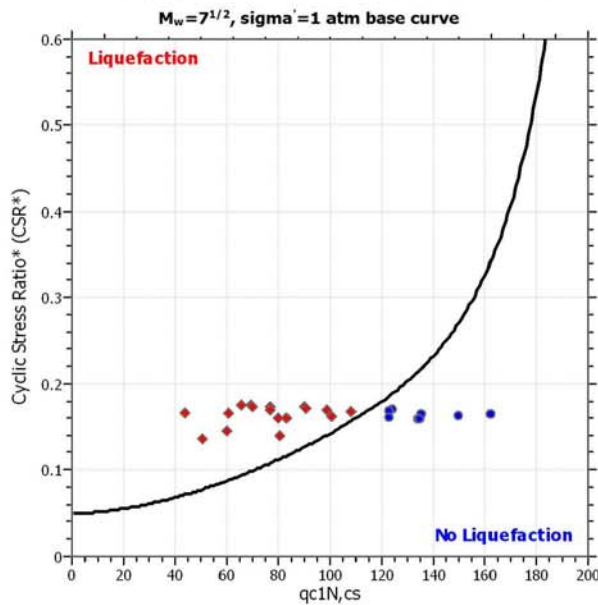
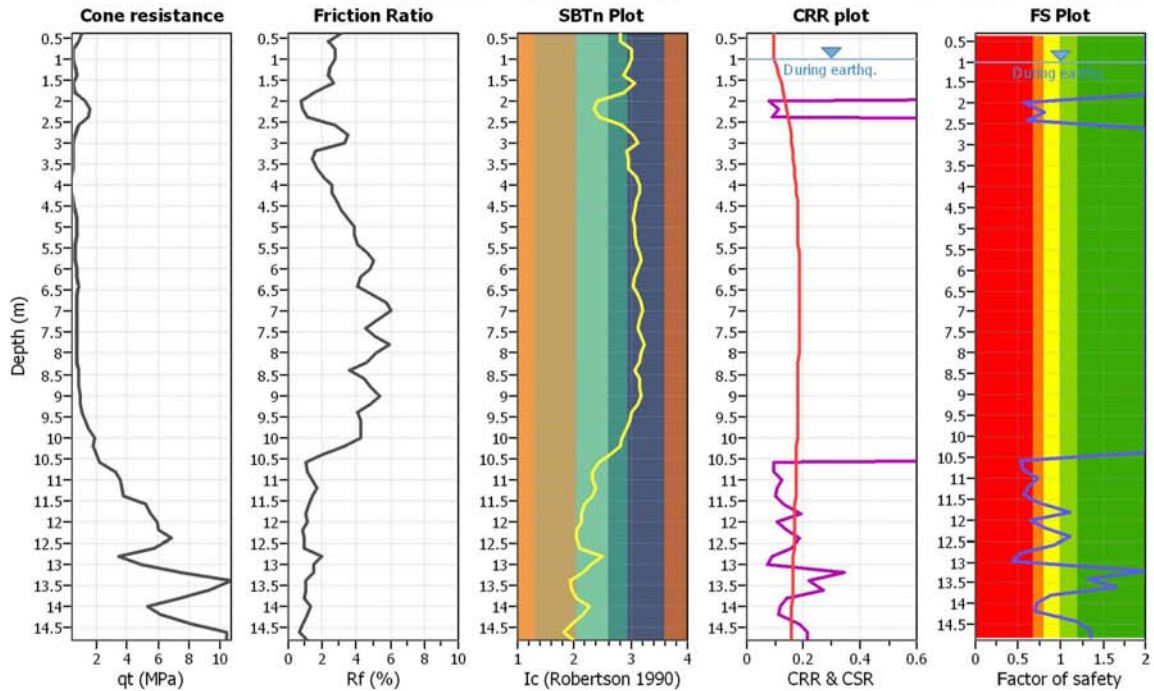
**Project title :**

**Location :**

**CPT file : 203010C168**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

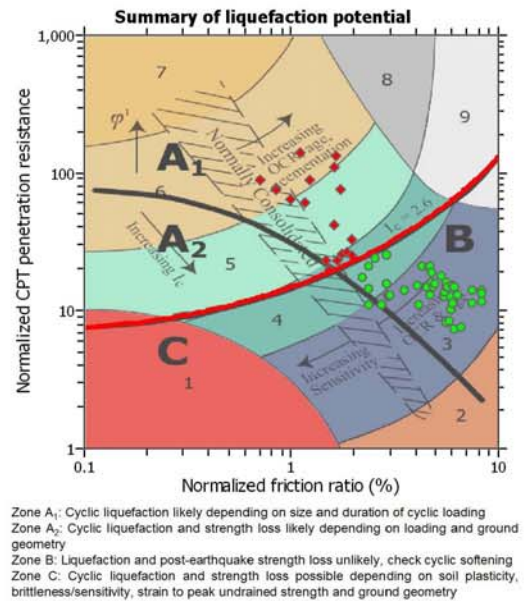
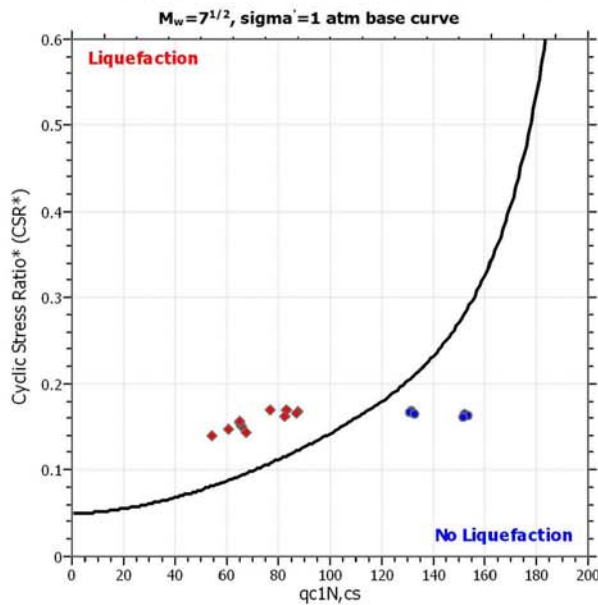
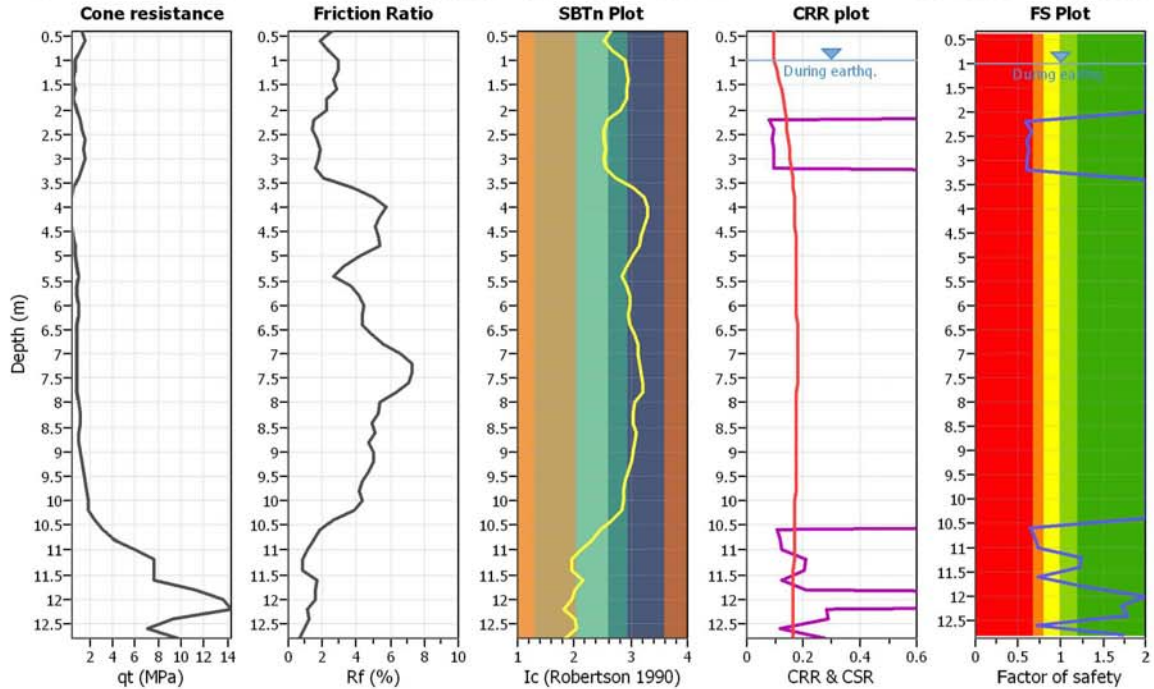
**Project title :**

**Location :**

**CPT file : 203010C169**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

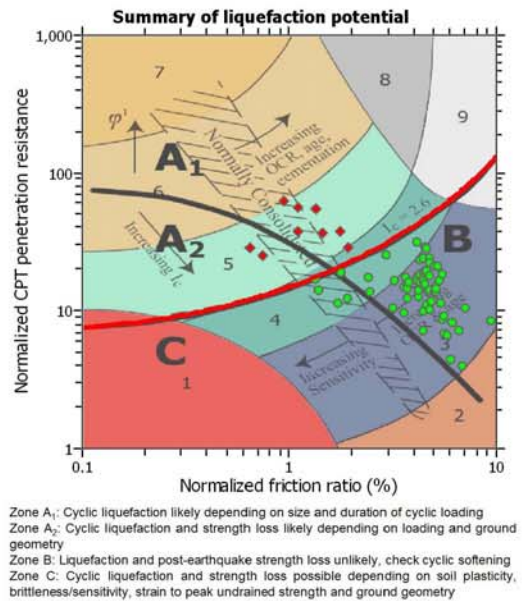
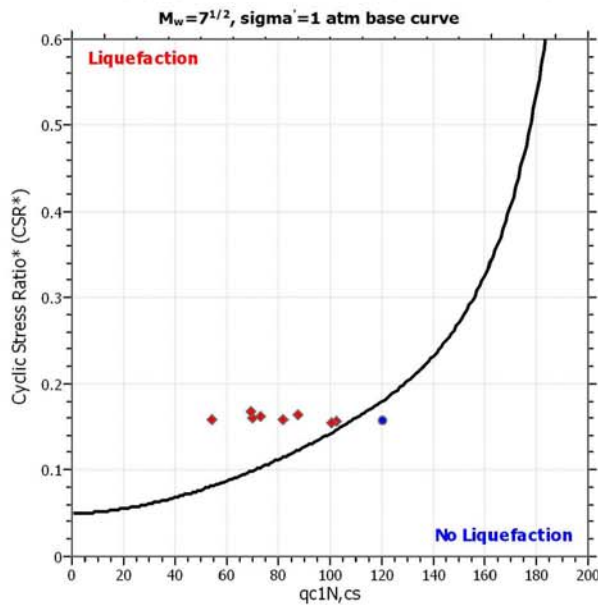
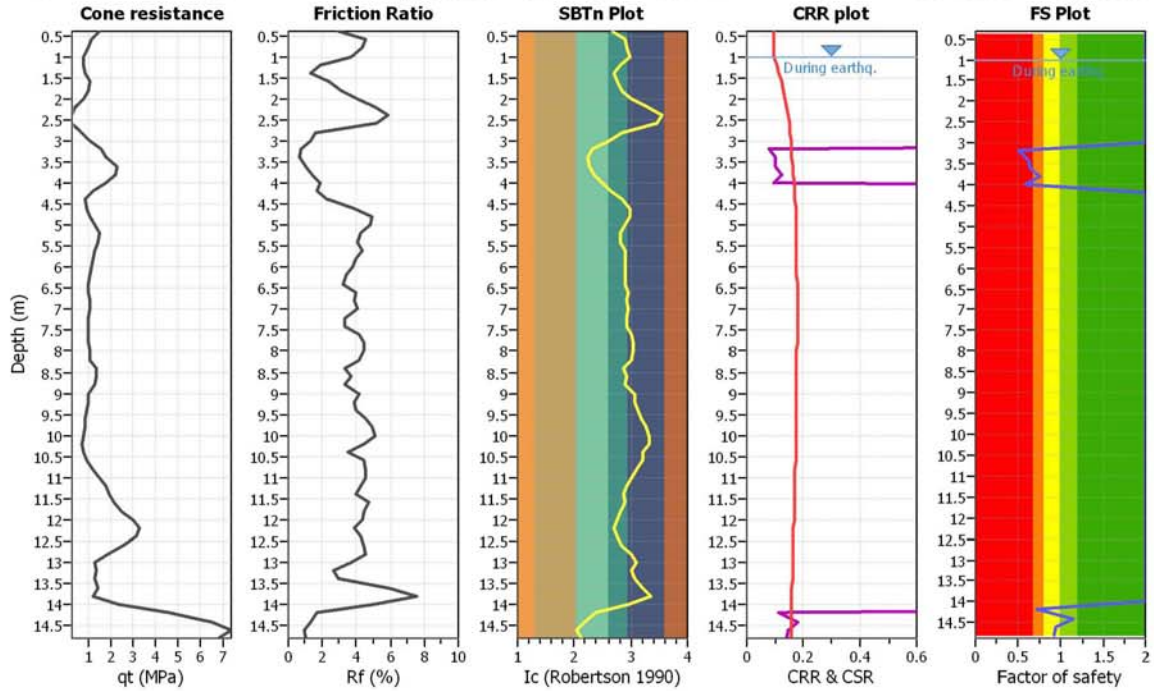
**Project title :**

**Location :**

**CPT file : 203010C170**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

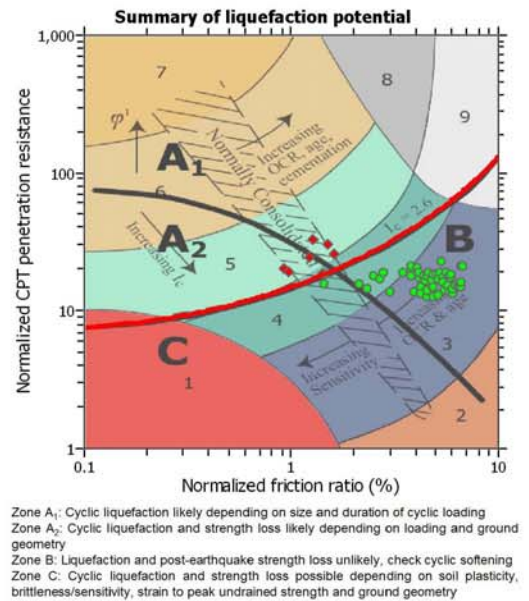
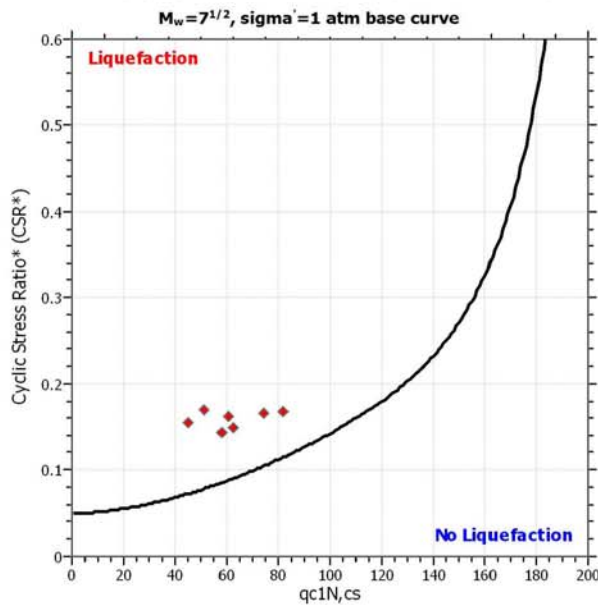
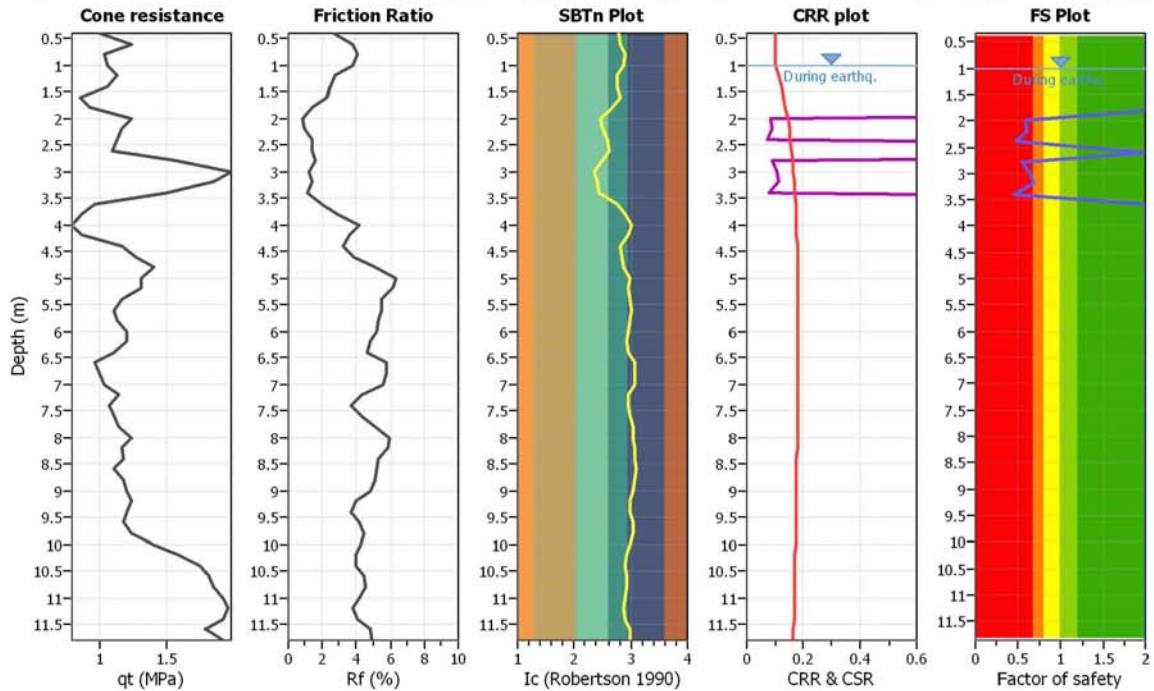
**Project title :**

**Location :**

**CPT file : 203010C171**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

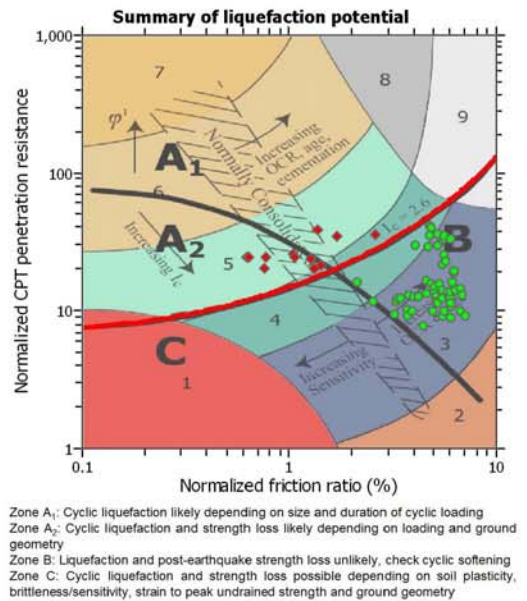
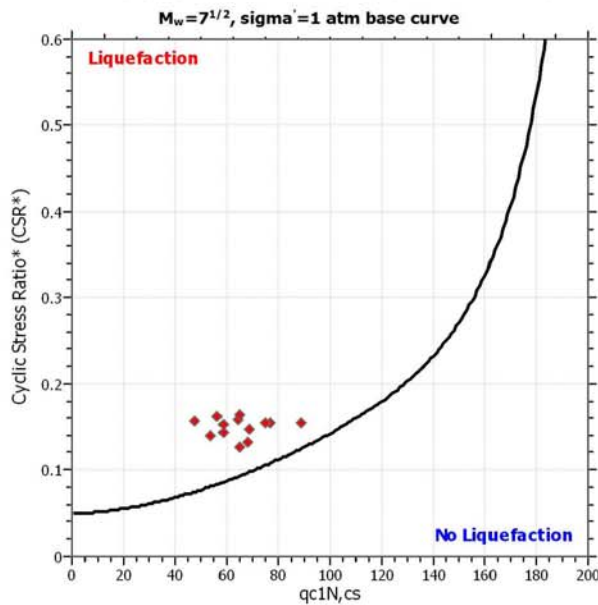
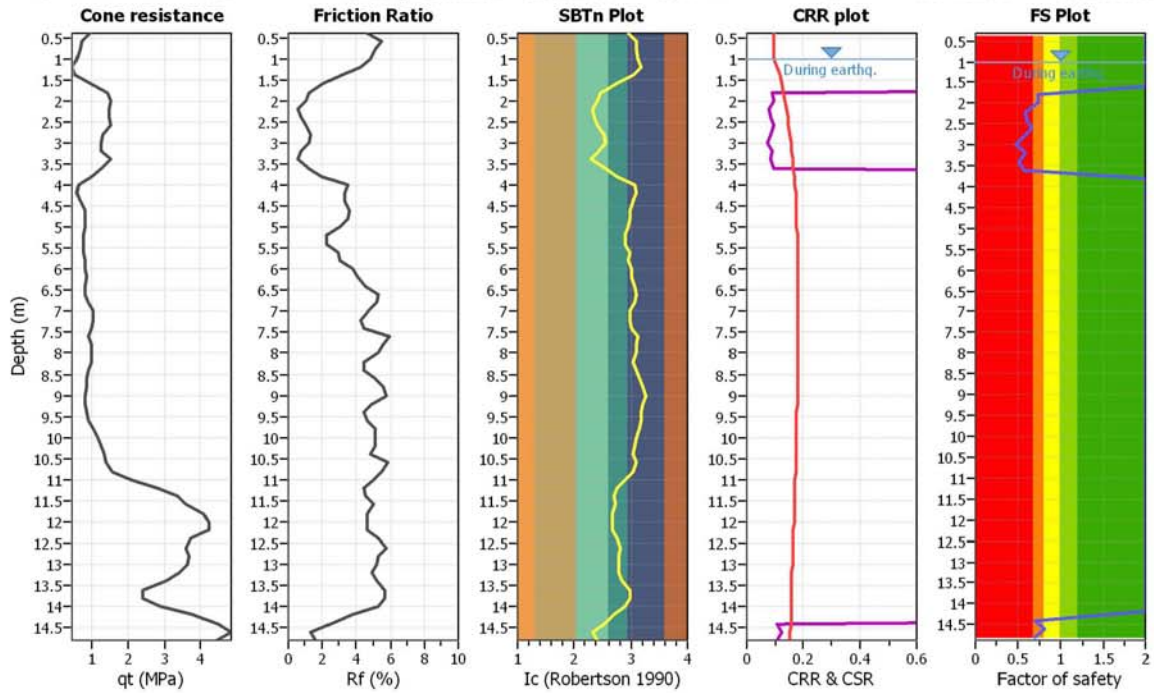
**Project title :**

**Location :**

**CPT file : 203010C172**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

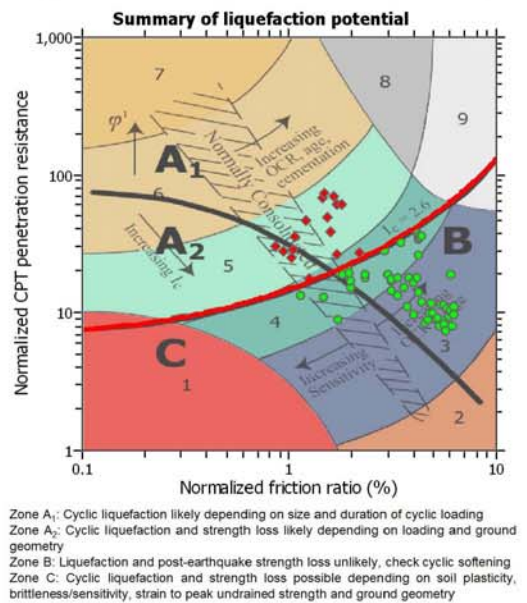
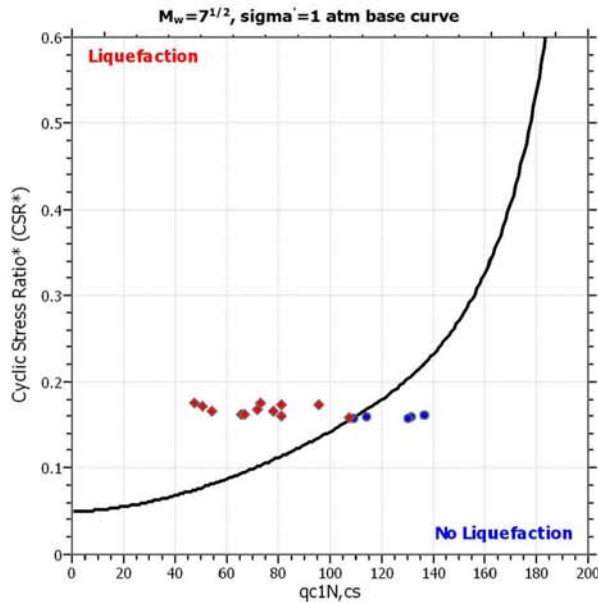
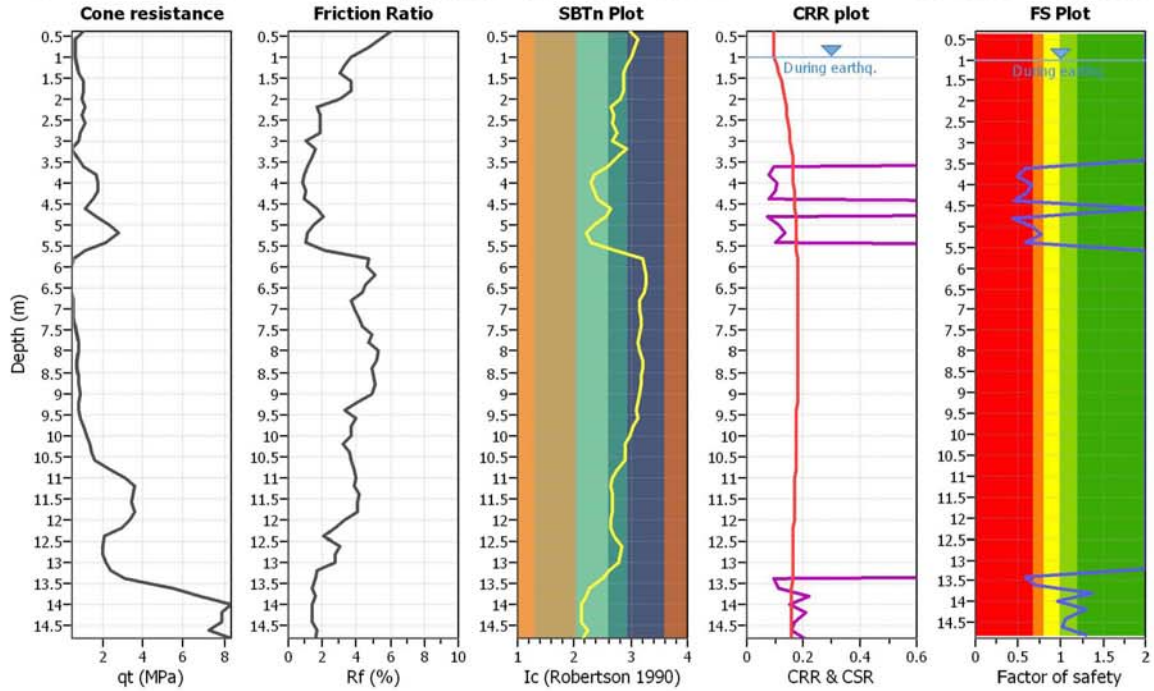
**Project title :**

**Location :**

**CPT file : 203010C173**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

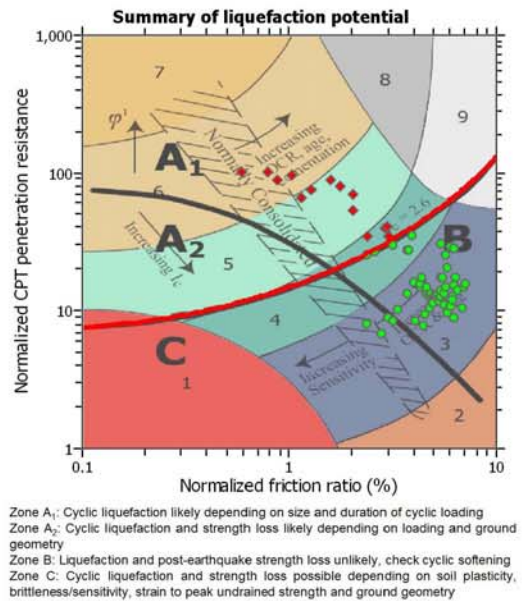
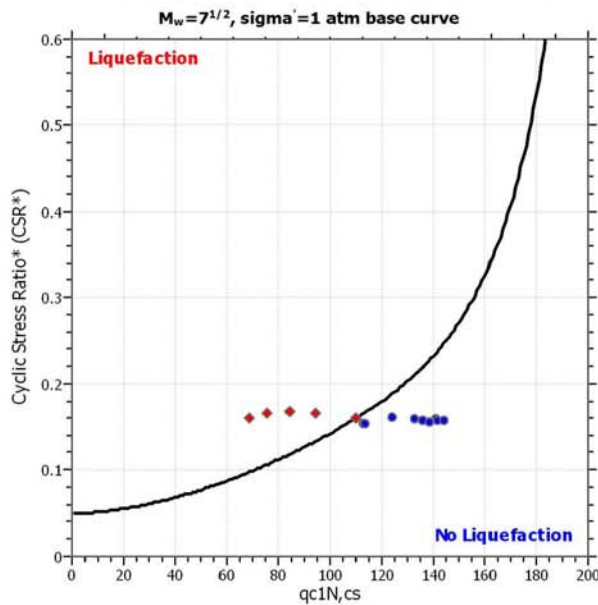
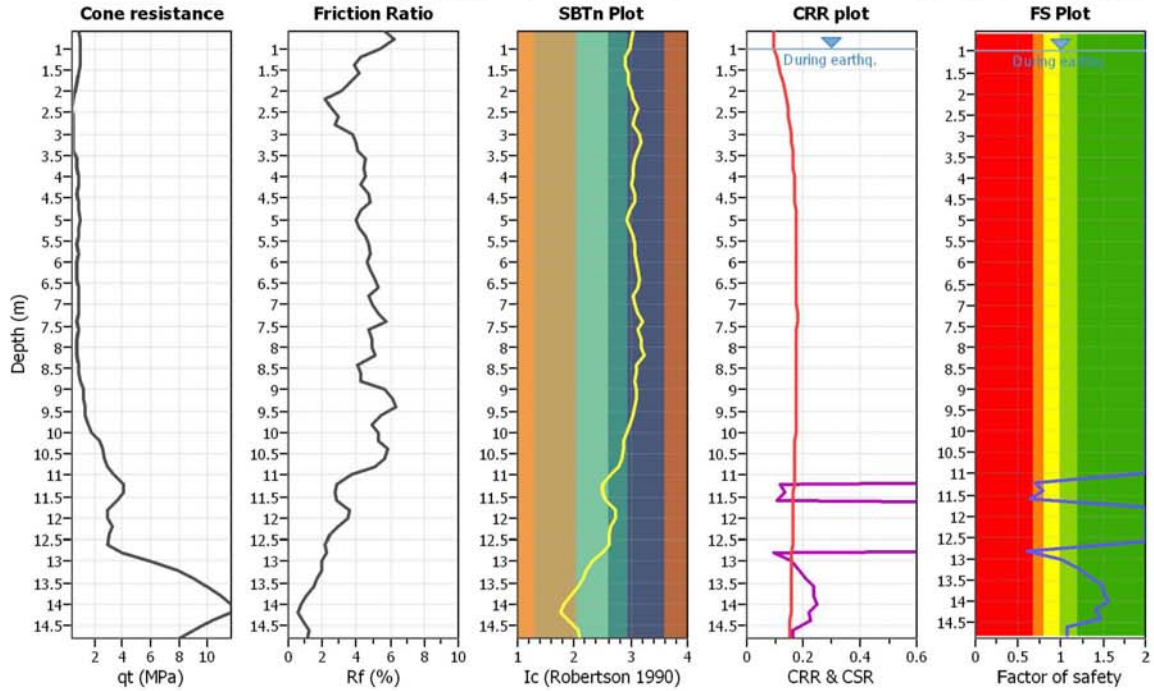
**Project title :**

**Location :**

**CPT file : 203010C174**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

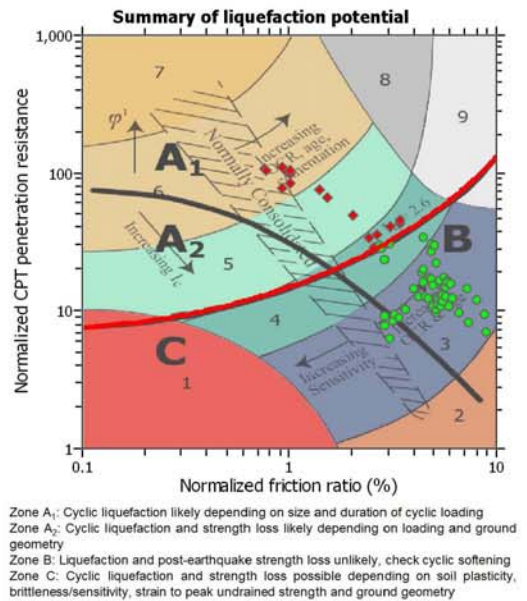
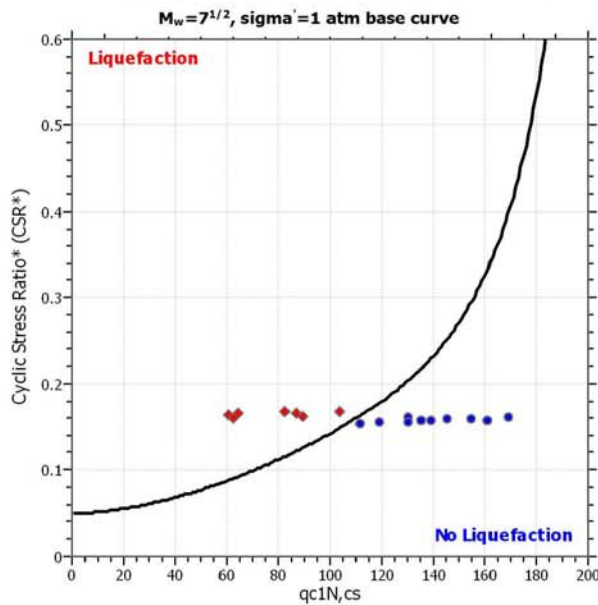
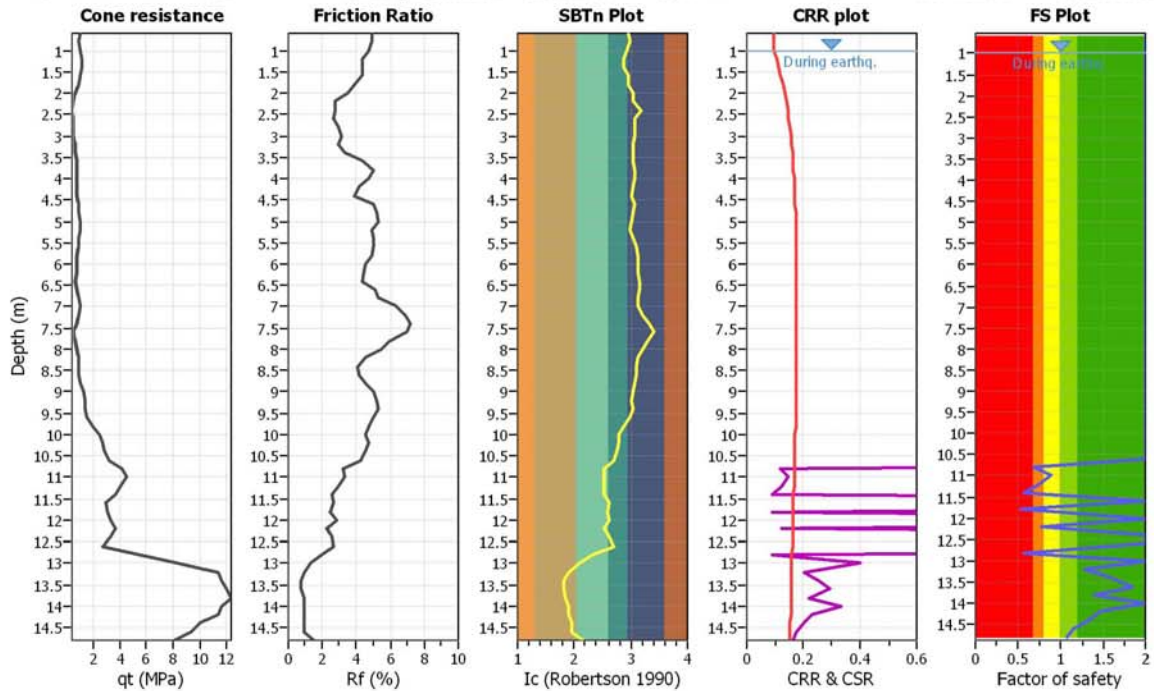
**Project title :**

**Location :**

**CPT file : 203010C175**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

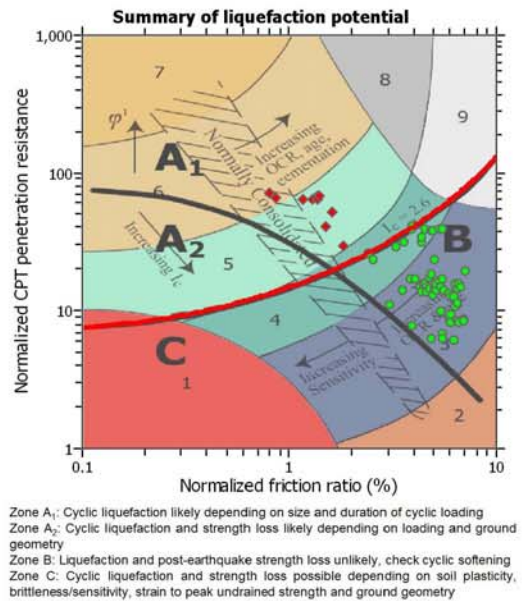
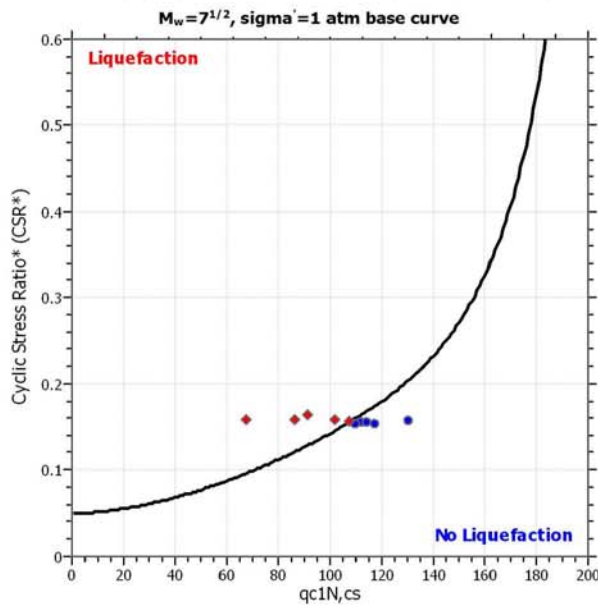
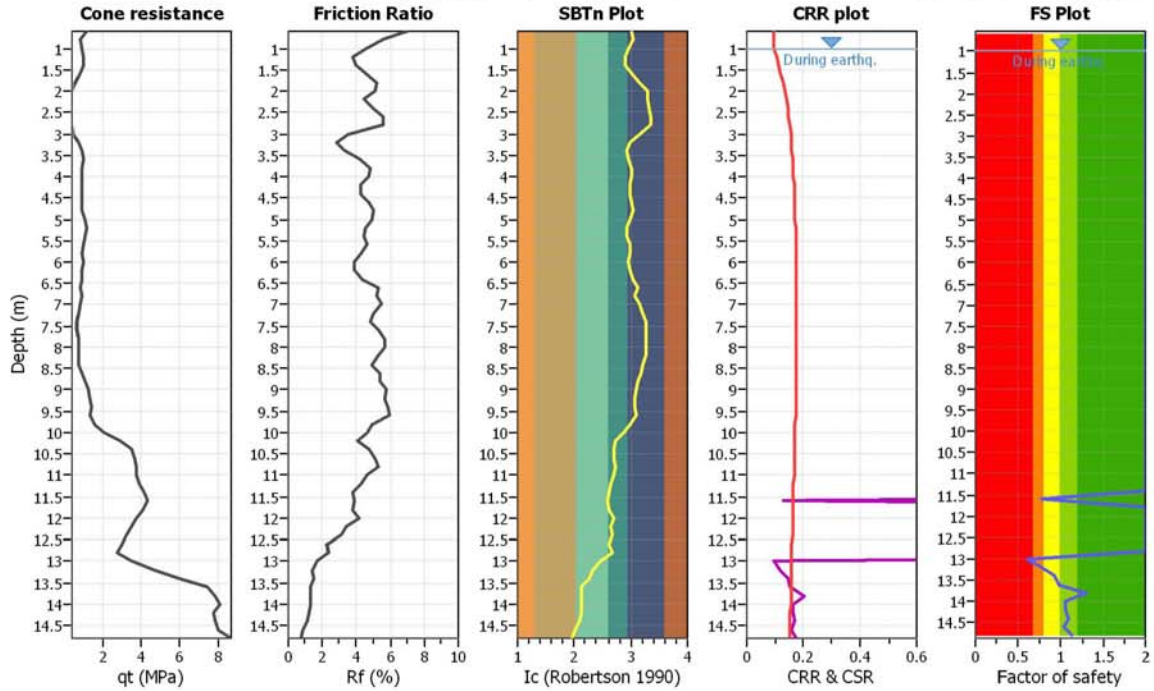
**Project title :**

**Location :**

**CPT file : 203010C176**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

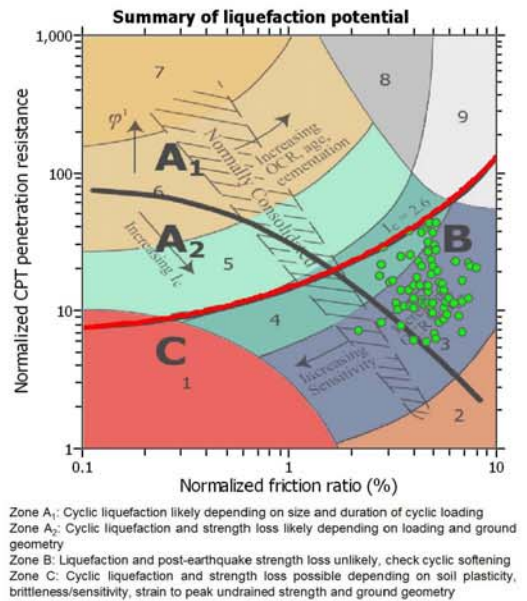
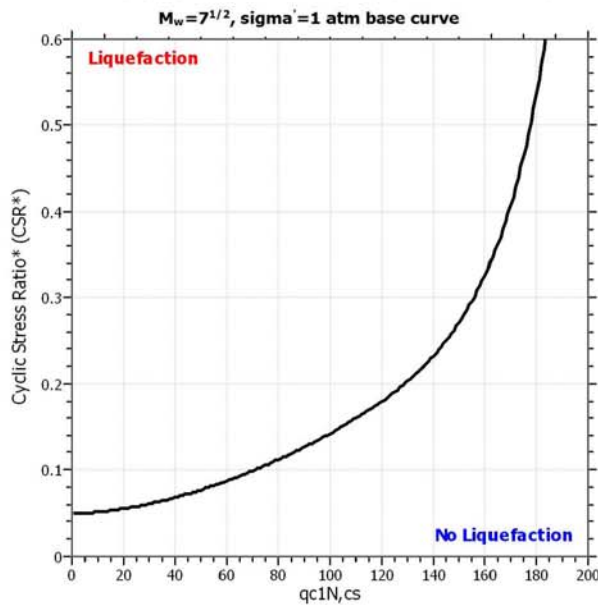
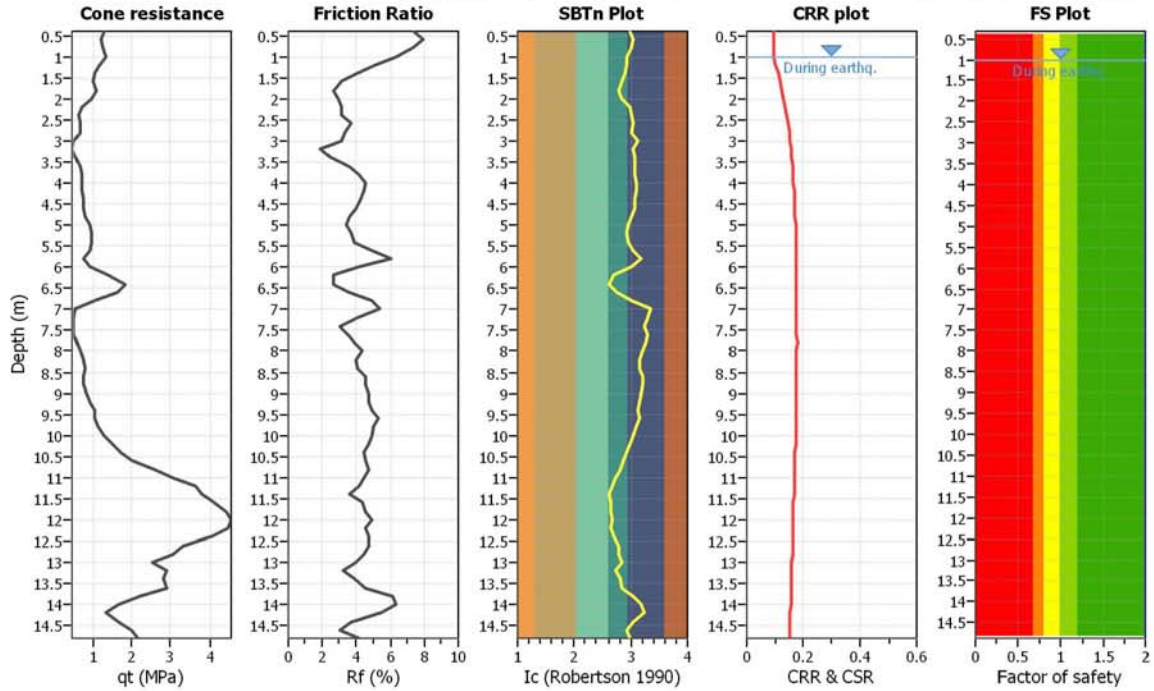
**Project title :**

**Location :**

**CPT file : 203010C177**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

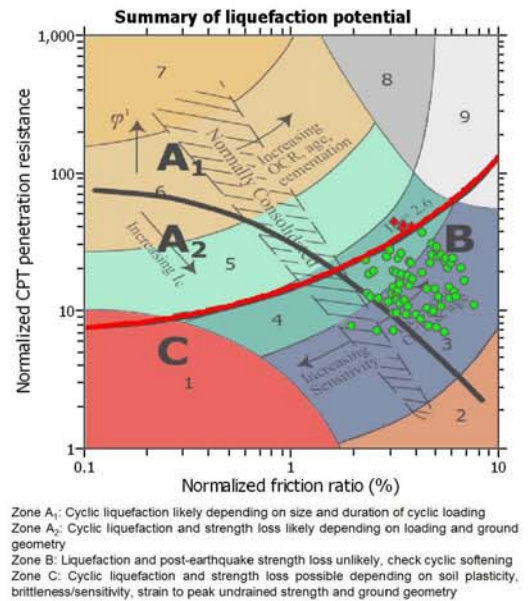
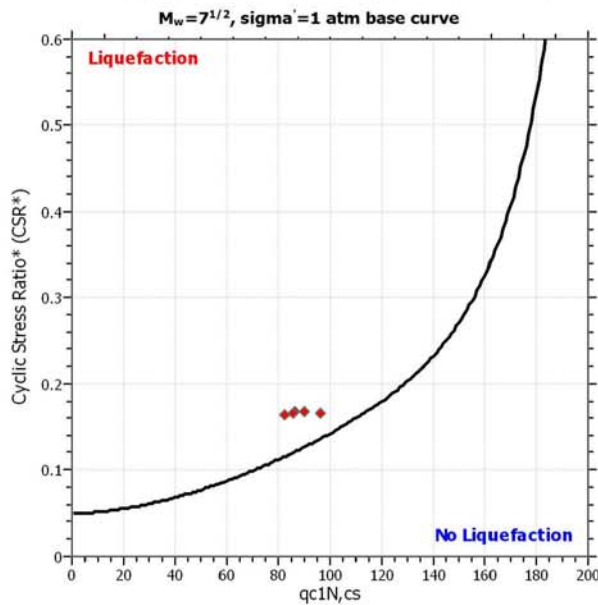
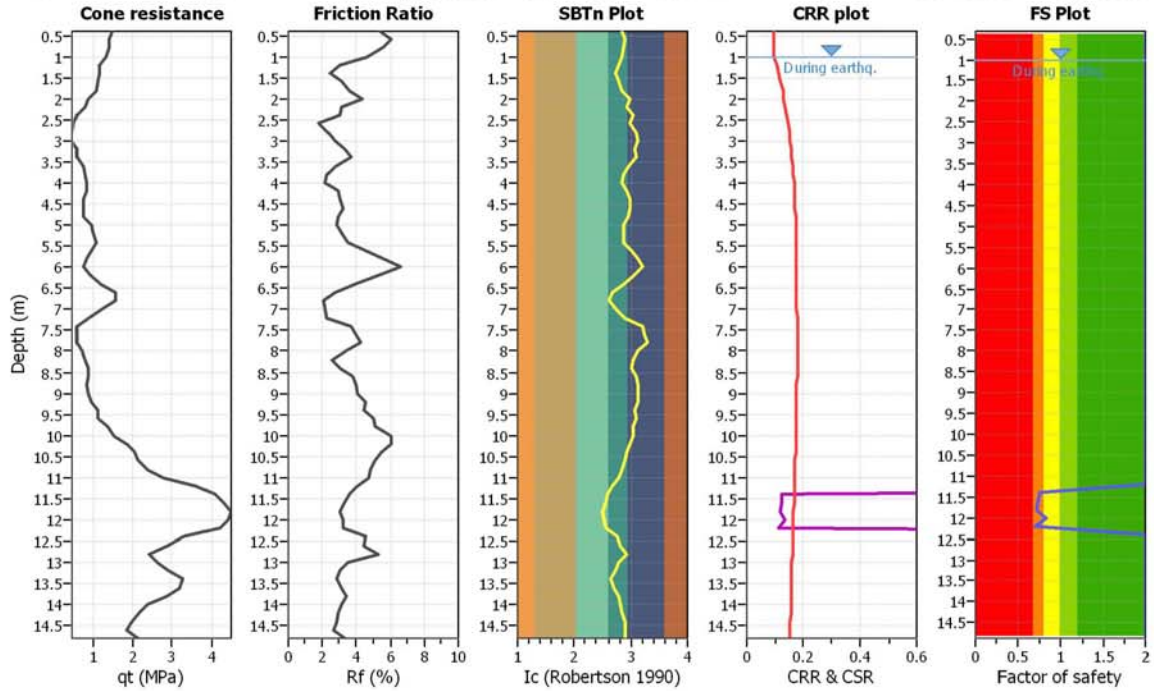
**Project title :**

**Location :**

**CPT file : 203010C178**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

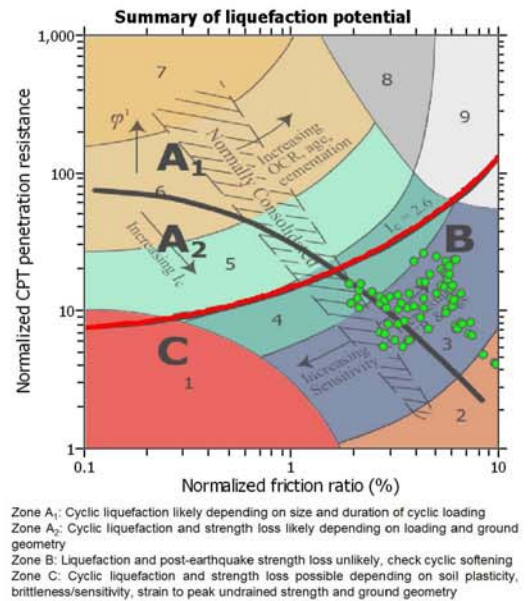
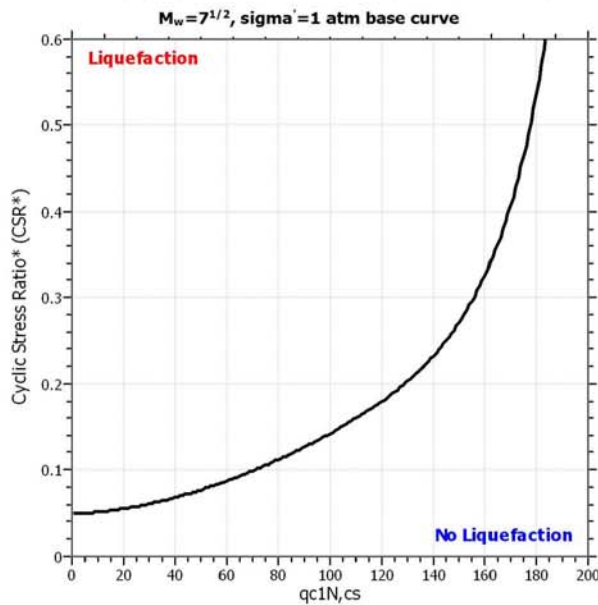
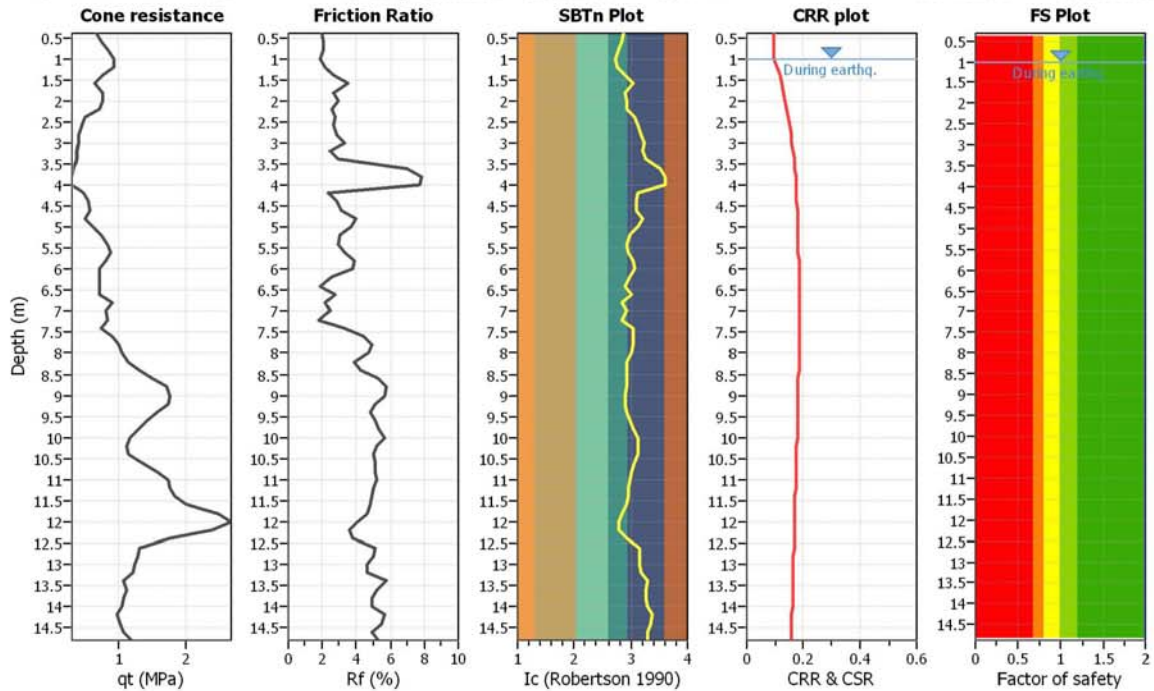
**Project title :**

**Location :**

**CPT file : 203010C179**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

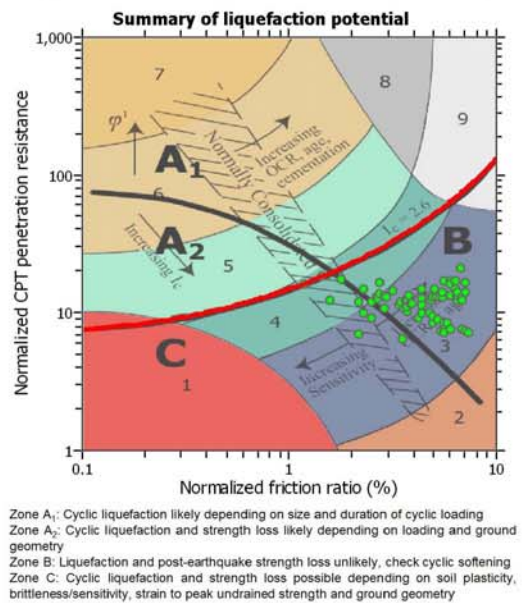
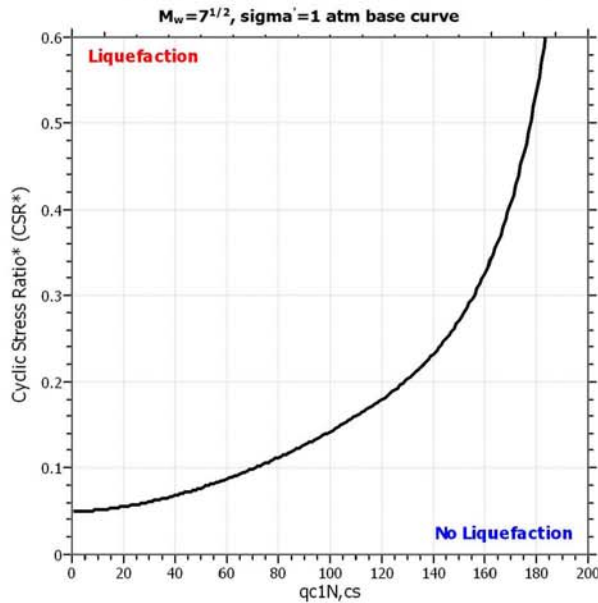
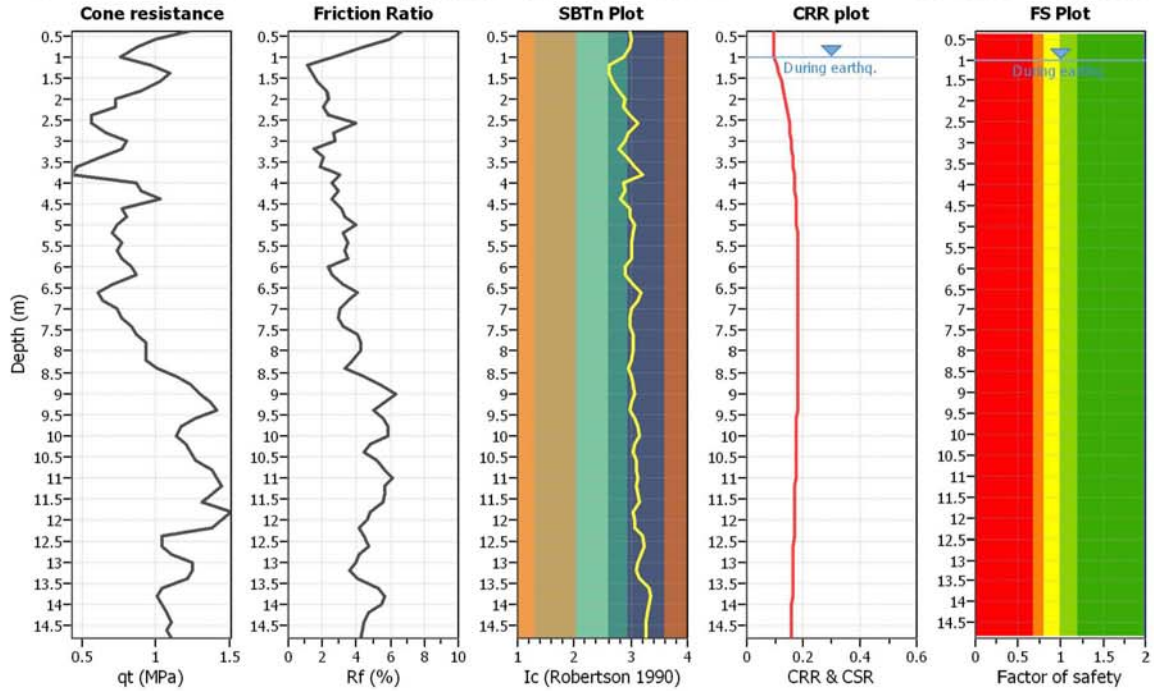
**Project title :**

**Location :**

**CPT file : 203010C180**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

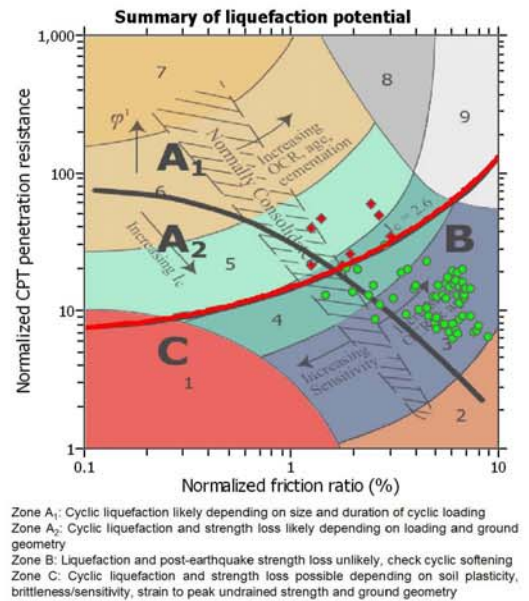
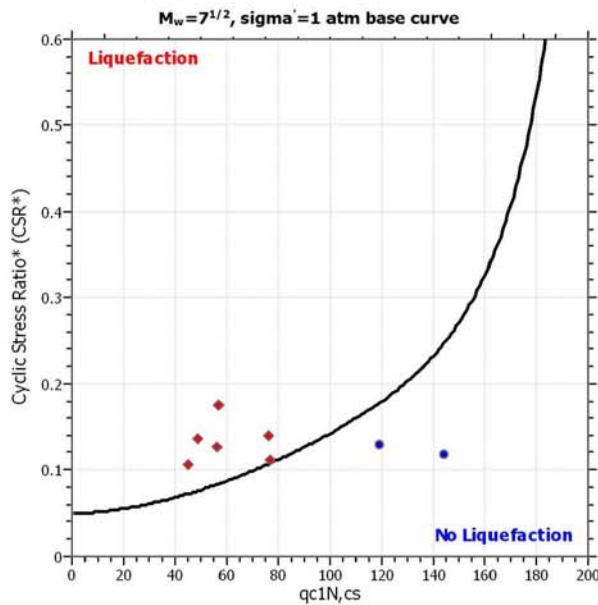
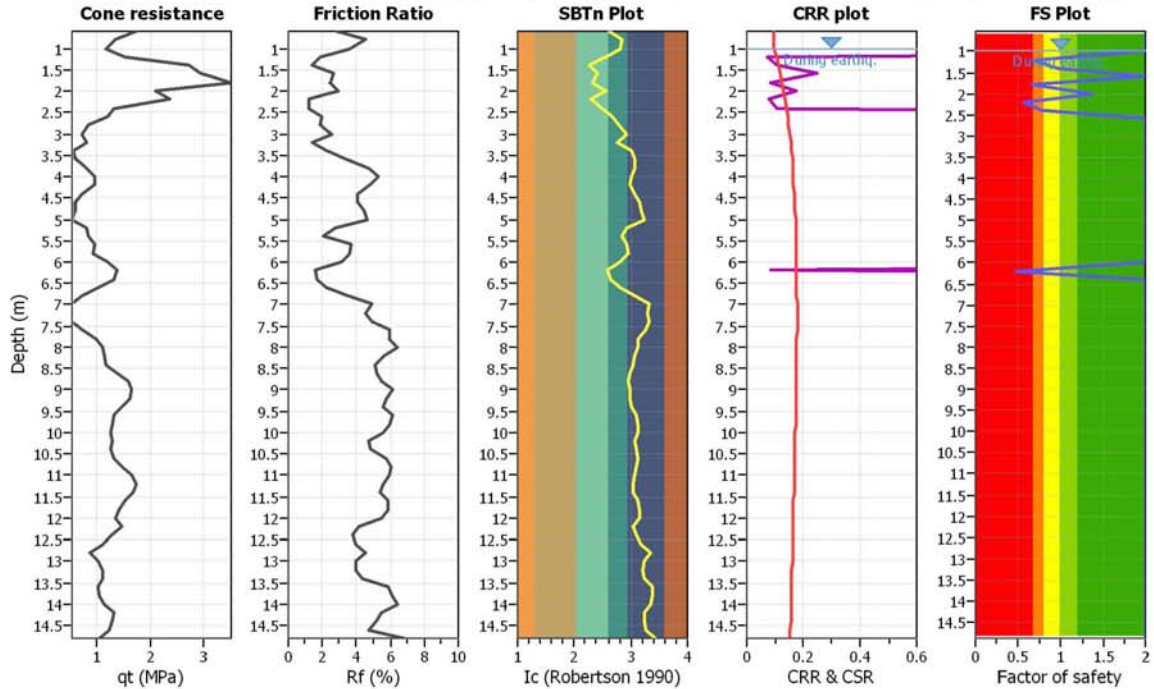
**Project title :**

**Location :**

**CPT file : 203010C181**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

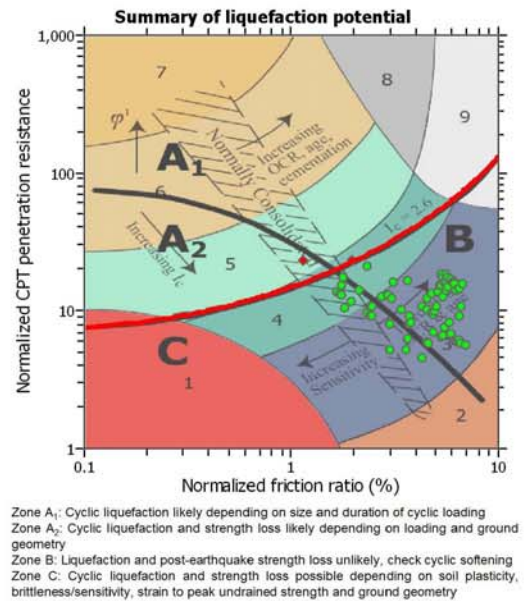
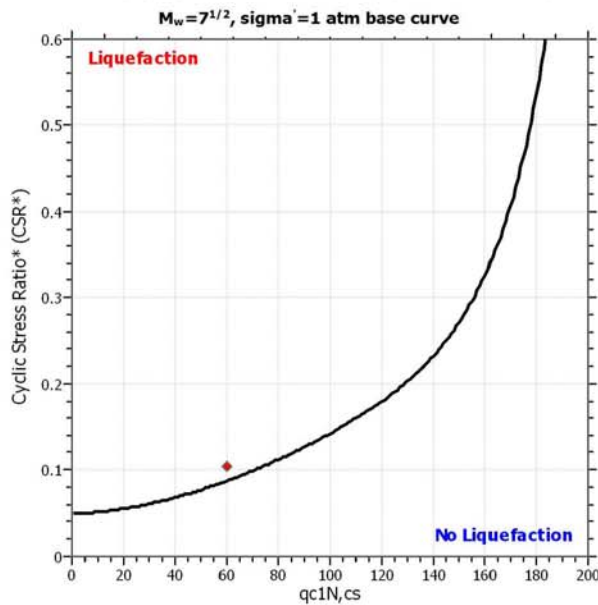
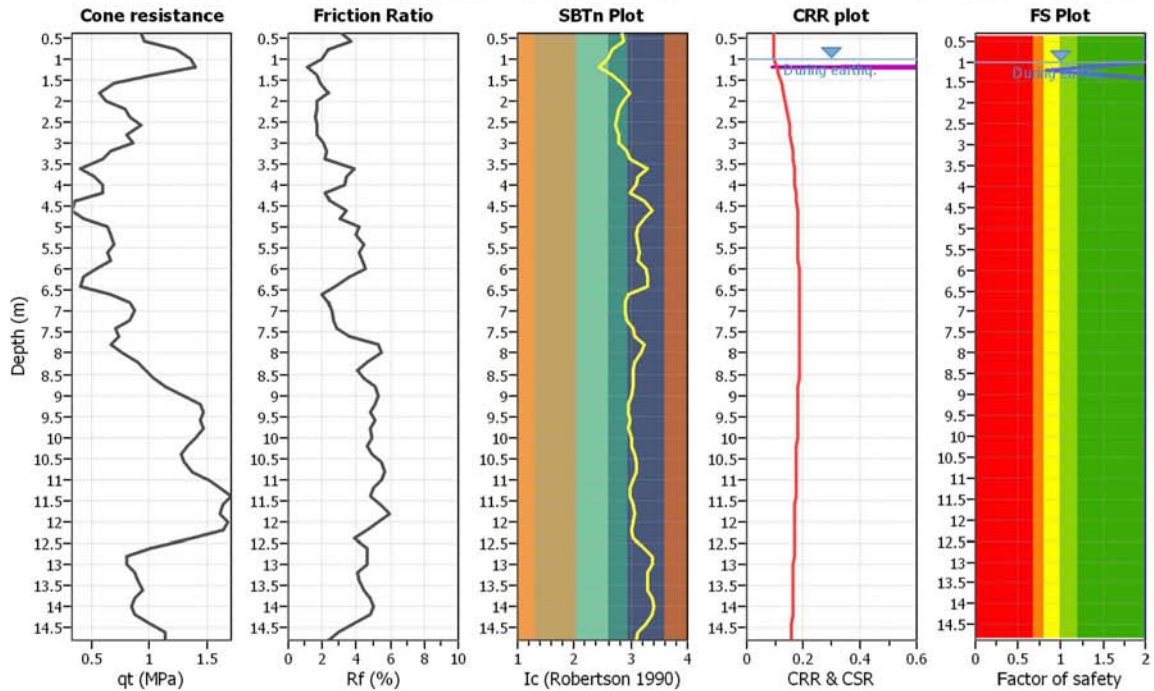
**Project title :**

**Location :**

**CPT file : 203010C182**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

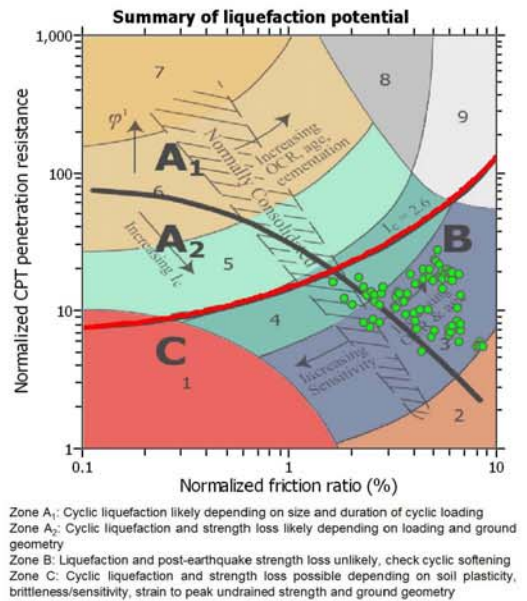
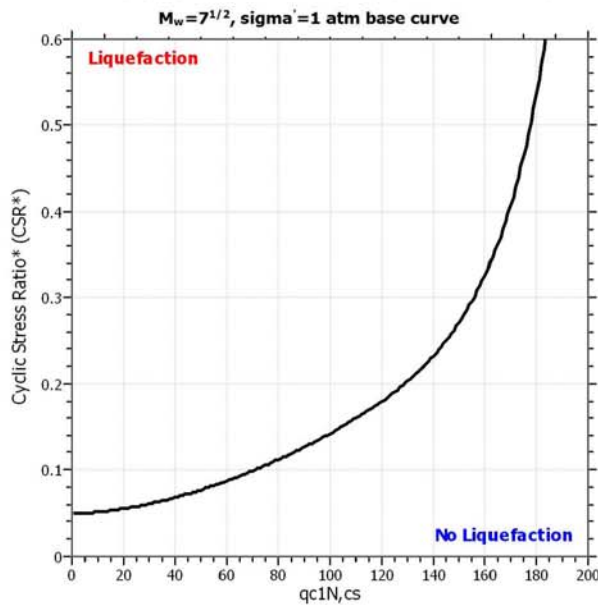
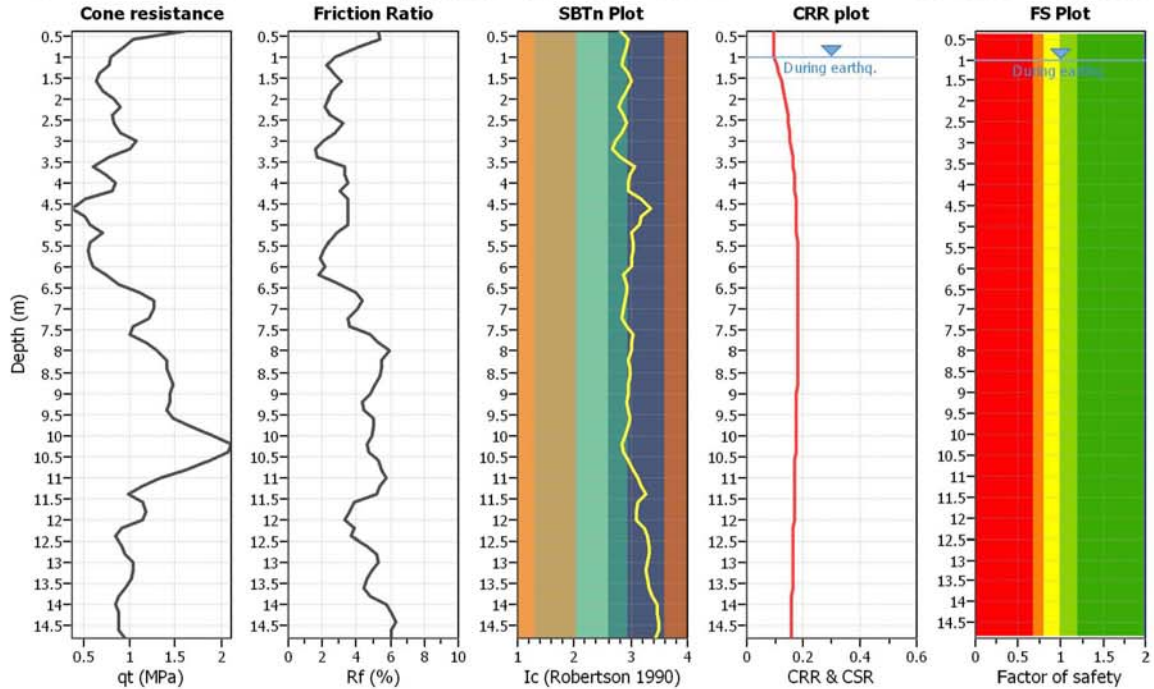
**Project title :**

**Location :**

**CPT file : 203010C183**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

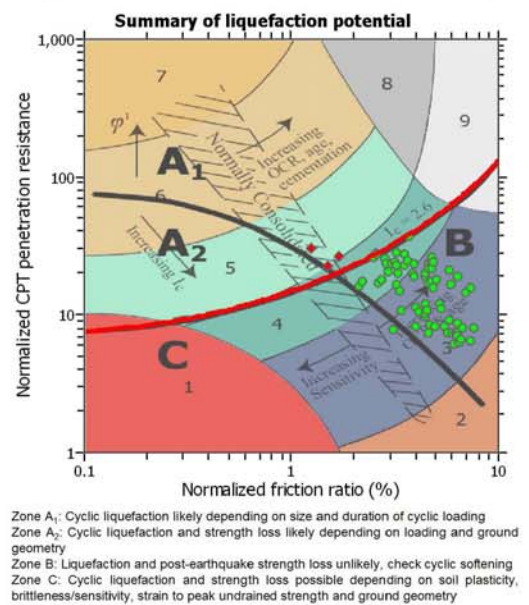
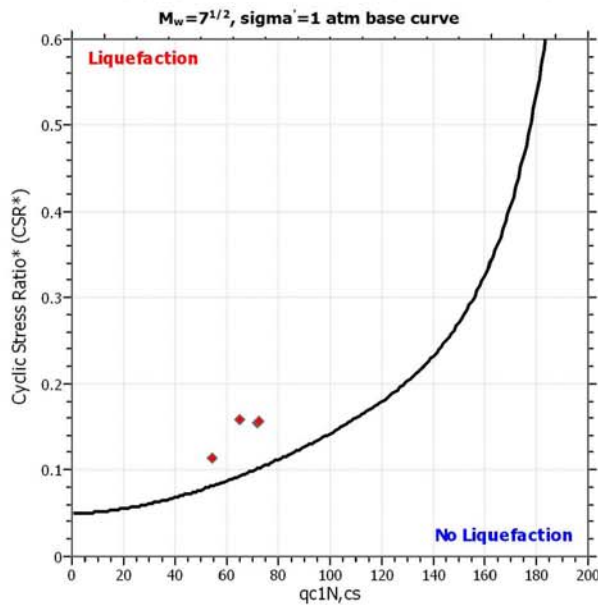
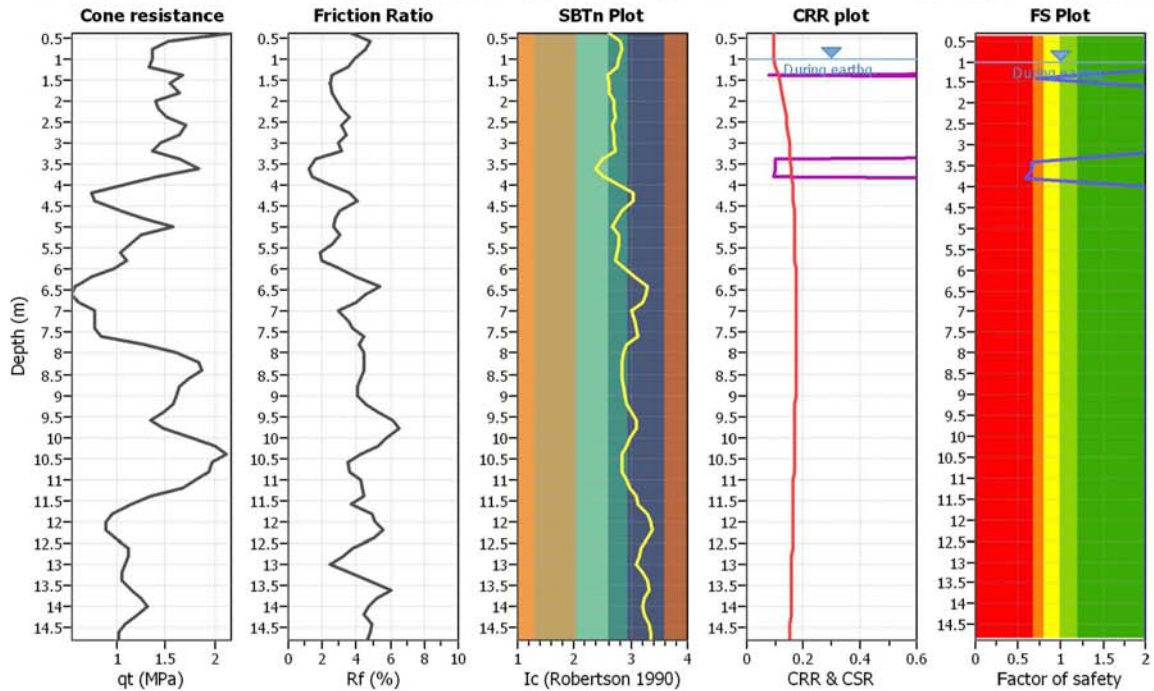
**Project title :**

**Location :**

**CPT file : 203010C184**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

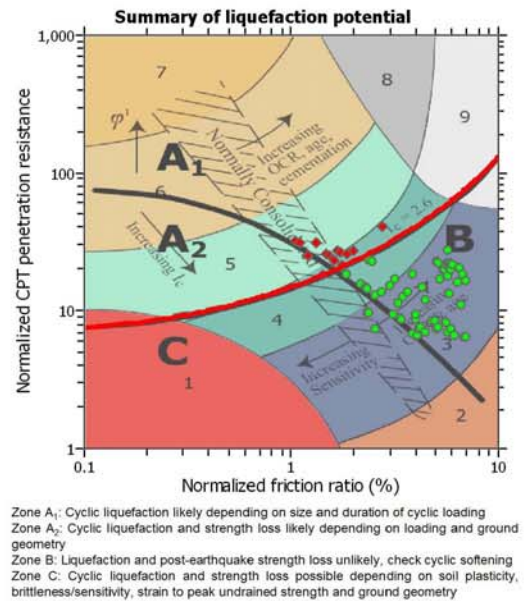
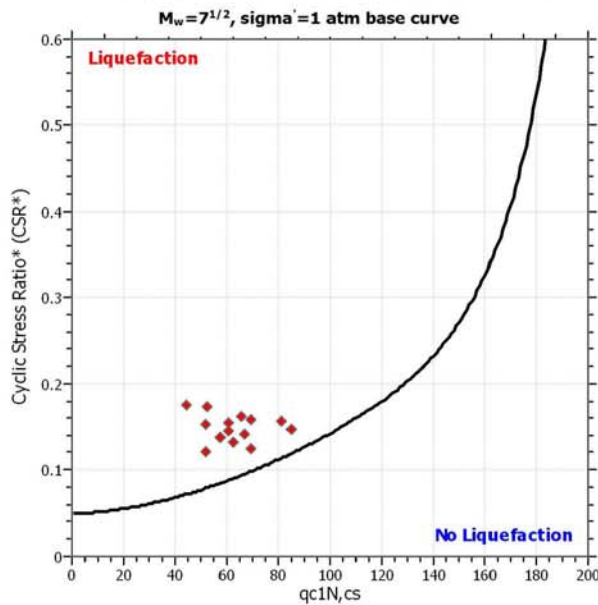
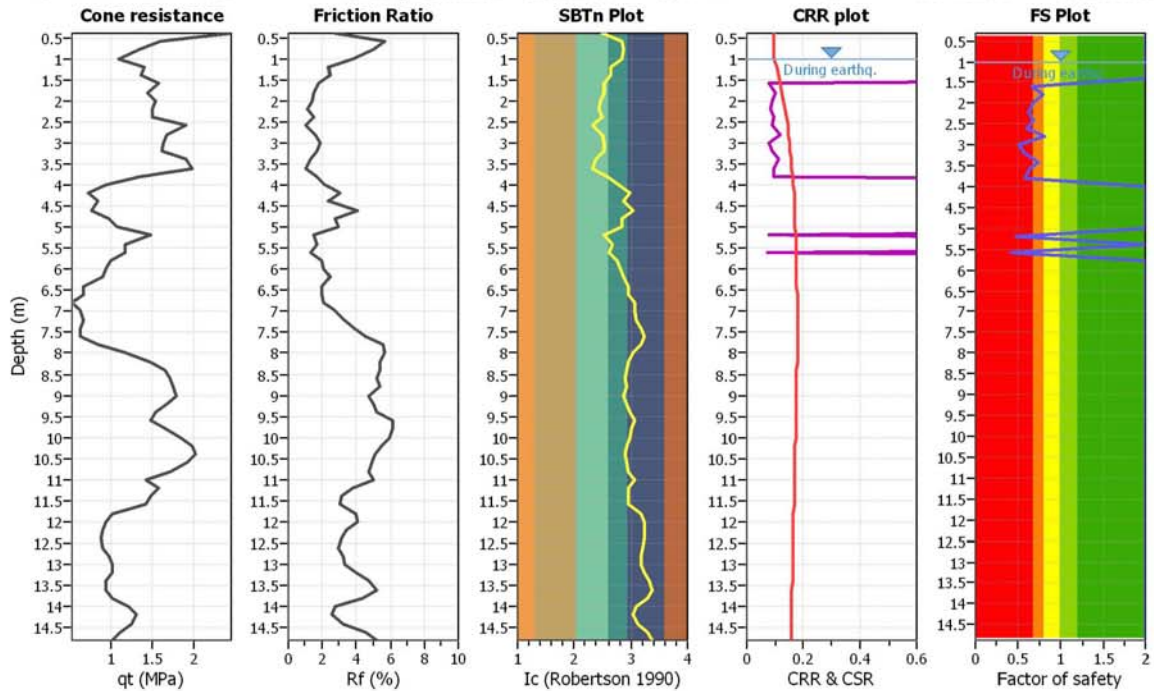
**Project title :**

**Location :**

**CPT file : 203010C185**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

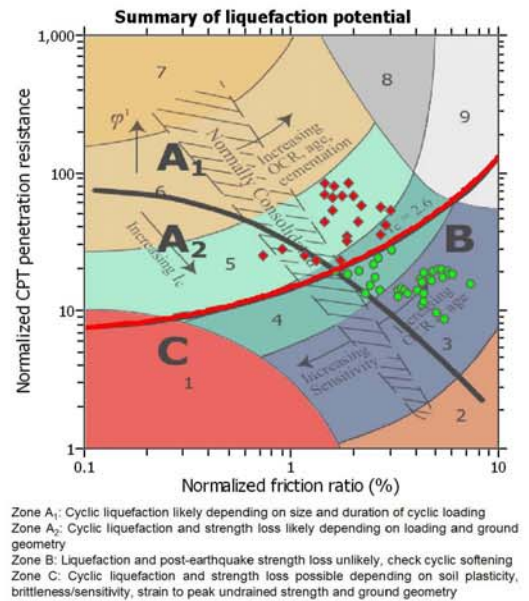
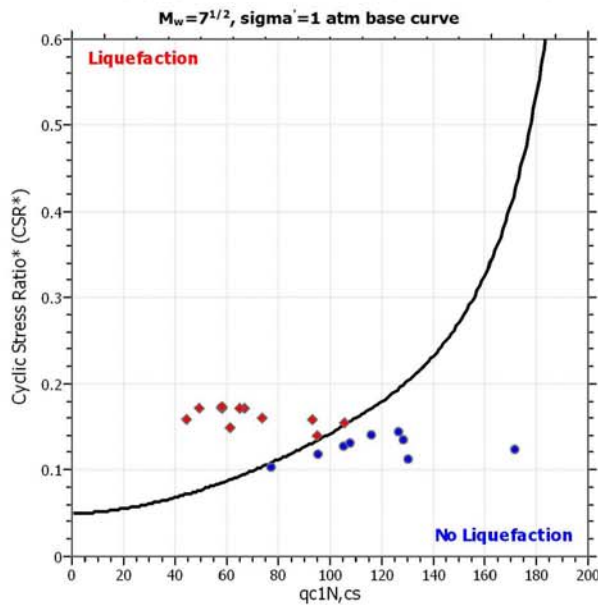
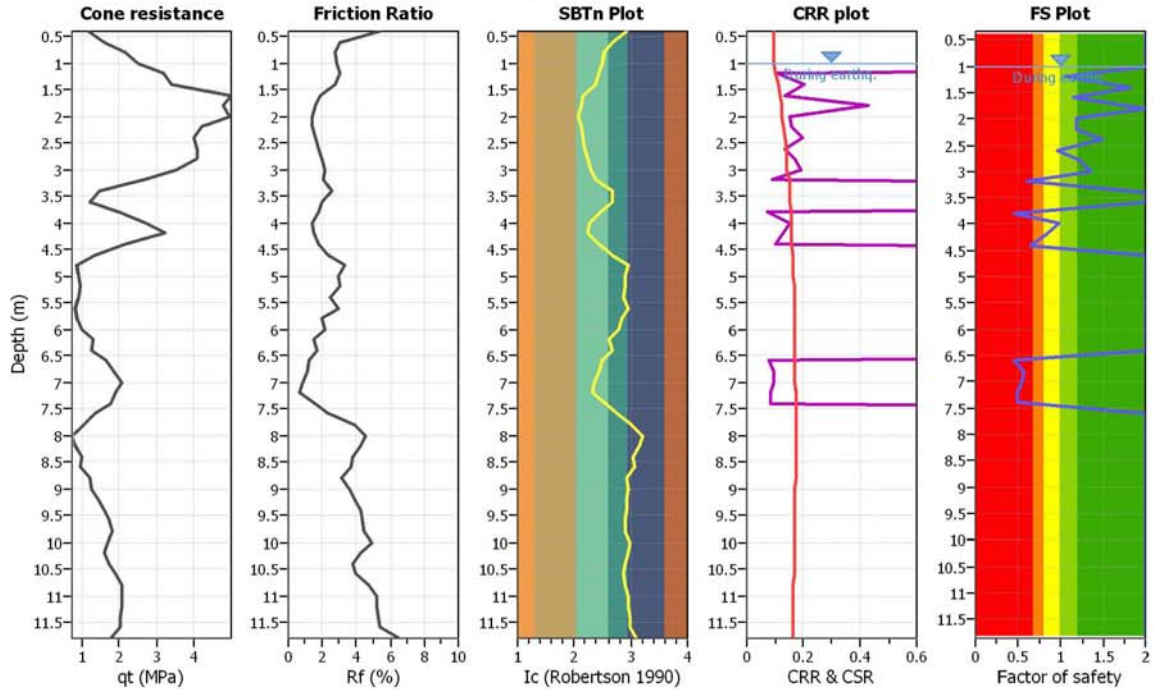
**Project title :**

**Location :**

**CPT file : 203010C186**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

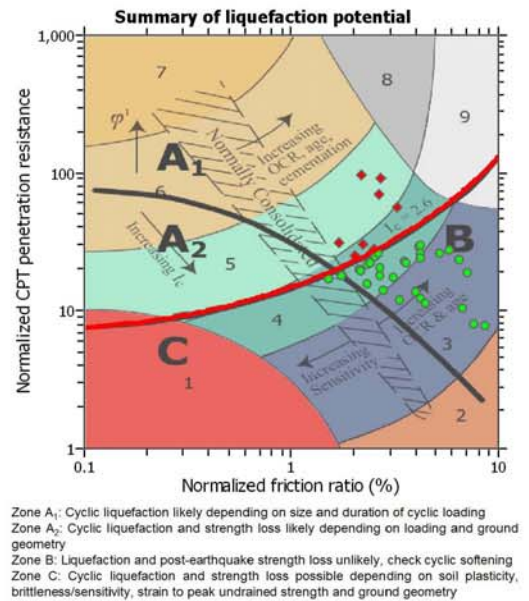
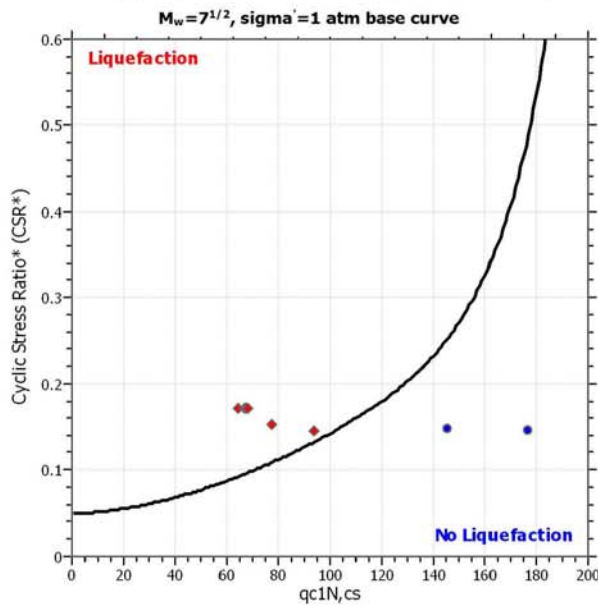
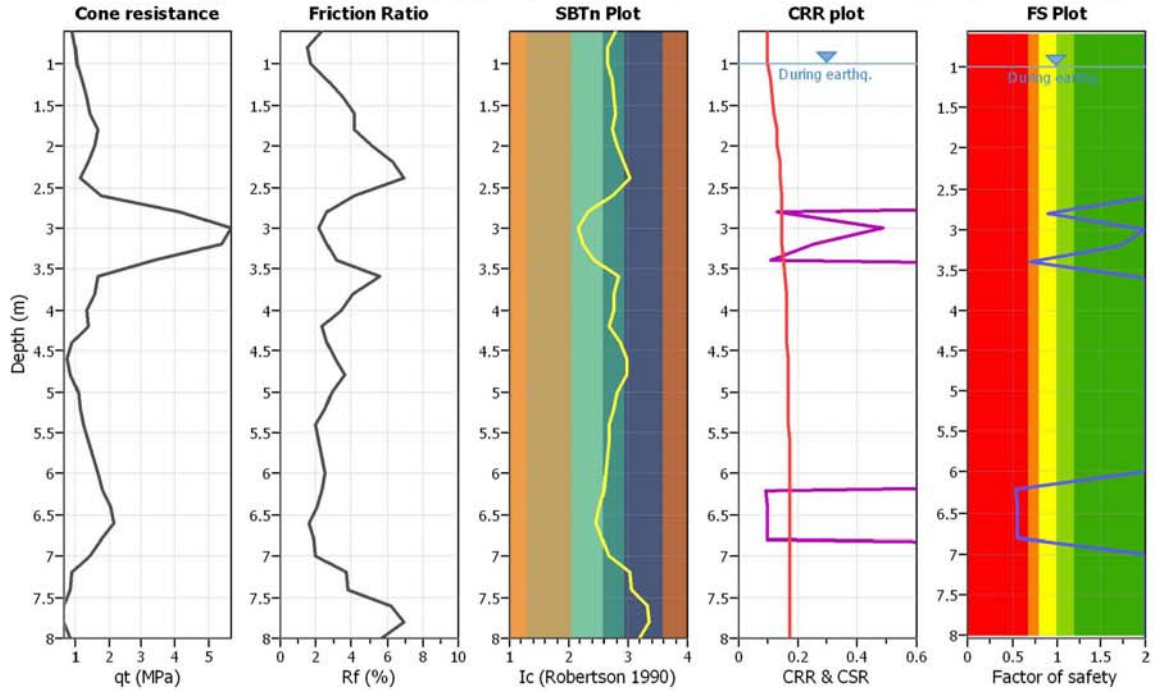
**Project title :**

**Location :**

**CPT file : 203010C187**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry



**LIQUEFACTION ANALYSIS REPORT**

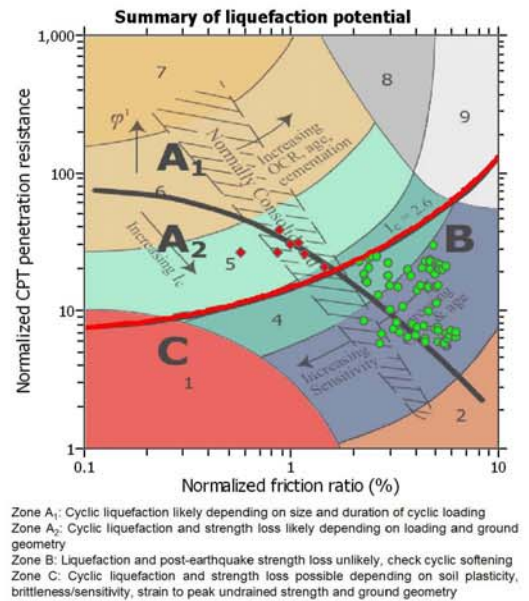
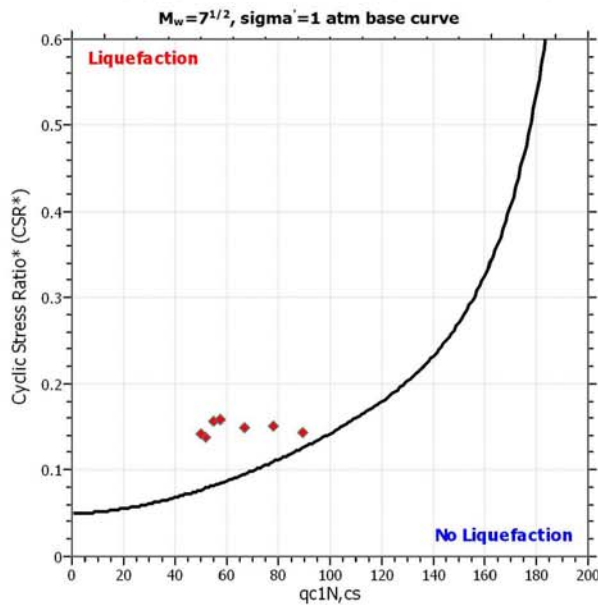
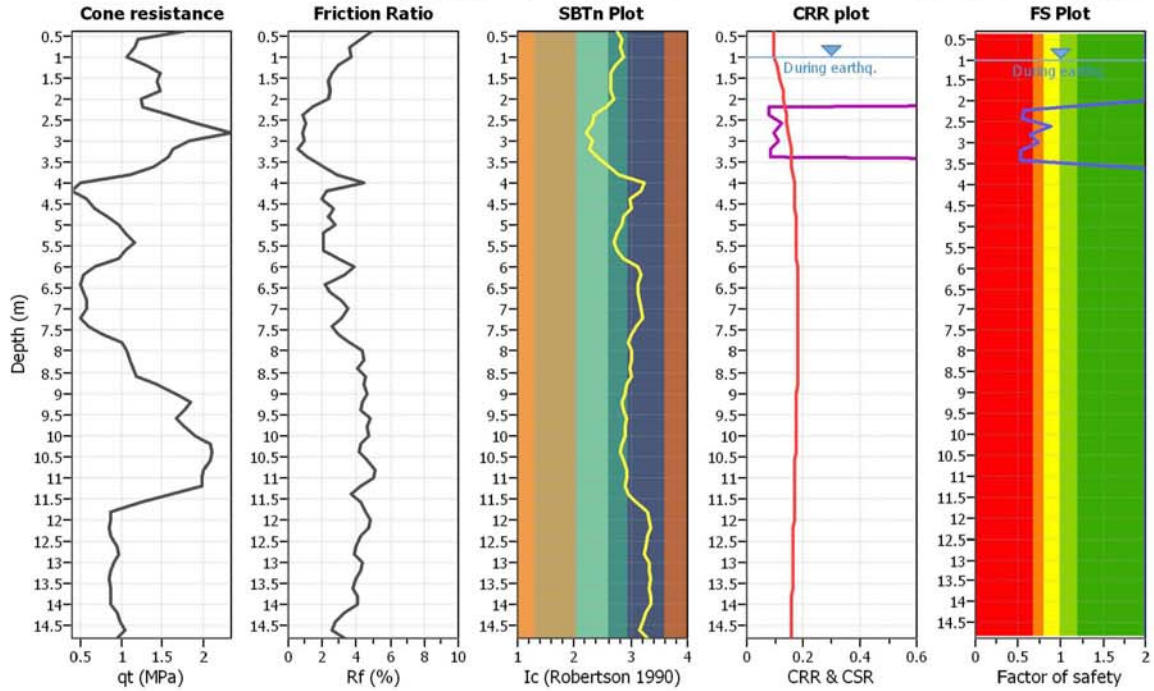
**Project title :**

**Location :**

**CPT file : 203010C188**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

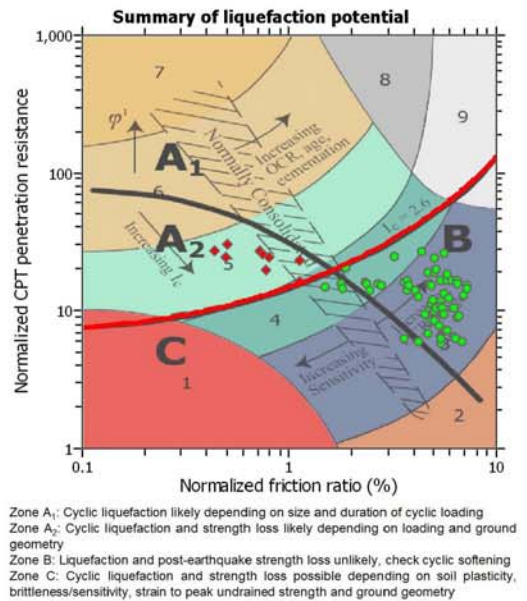
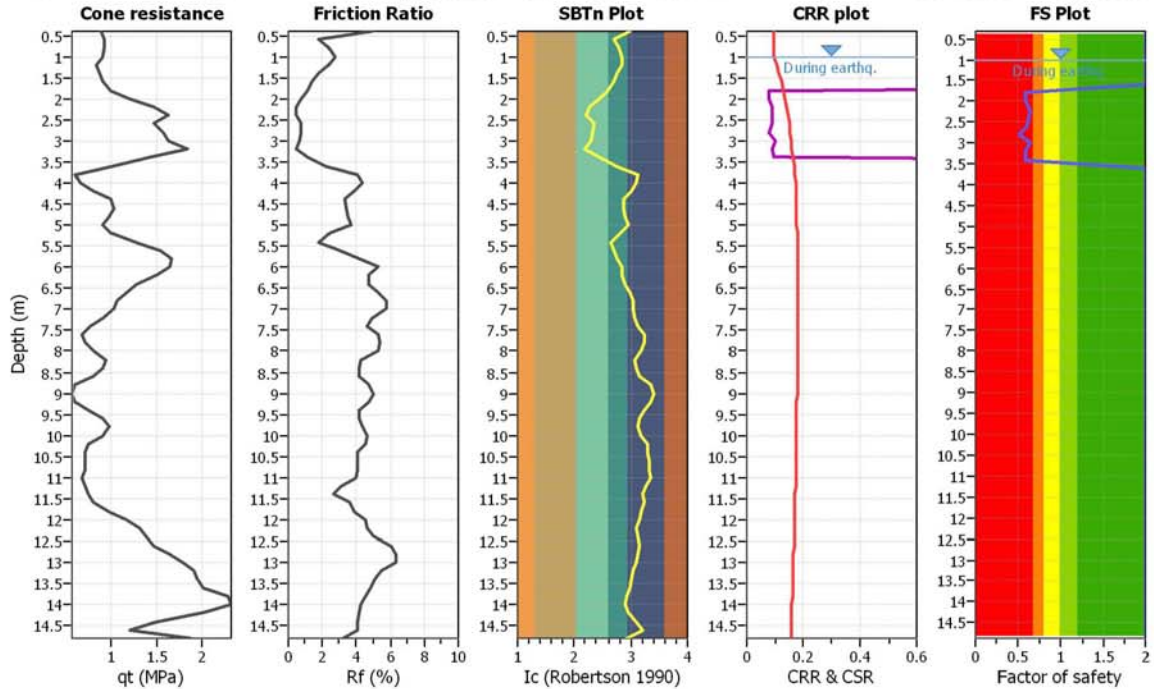
**Project title :**

**Location :**

**CPT file : 203010C189**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

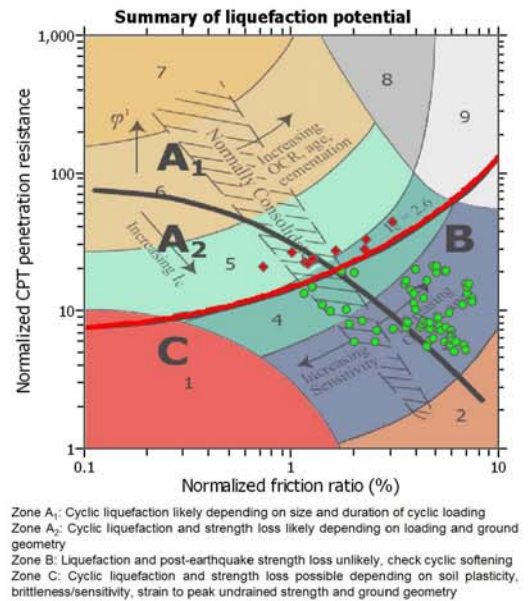
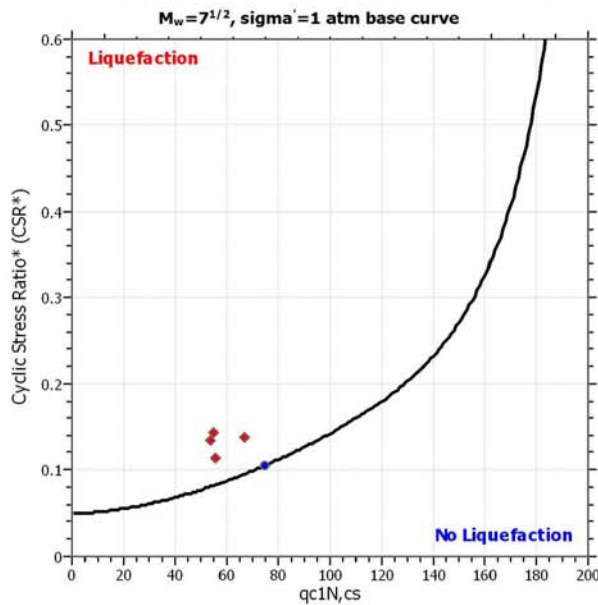
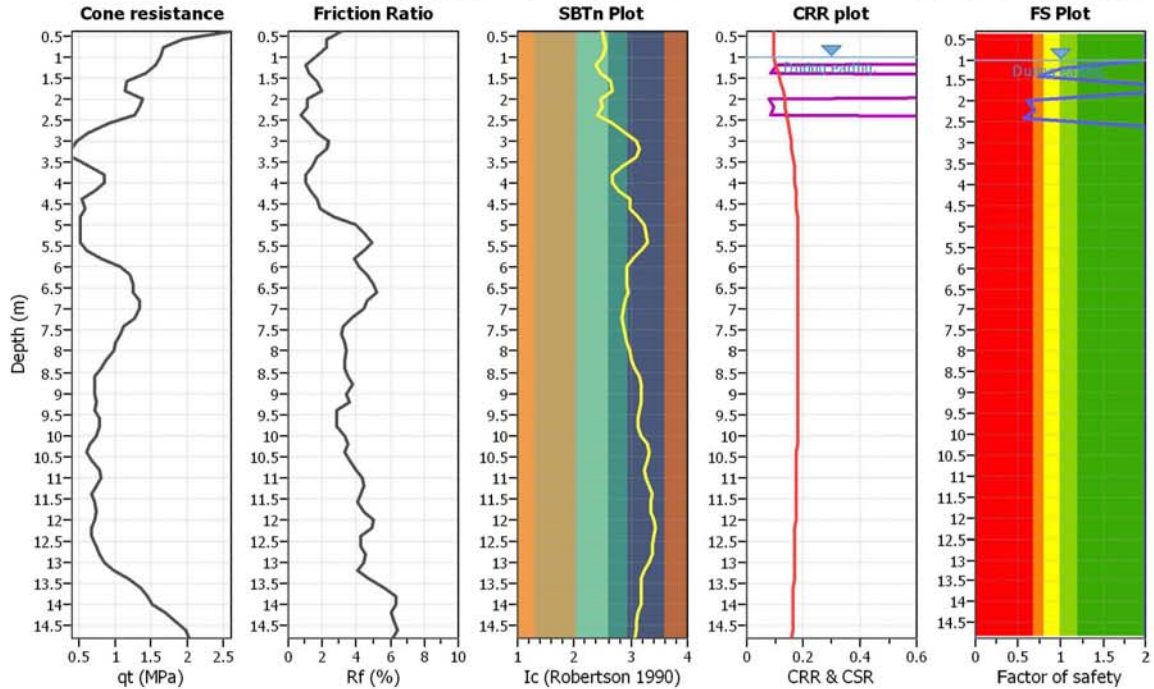
**Project title :**

**Location :**

**CPT file : 203010C190**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

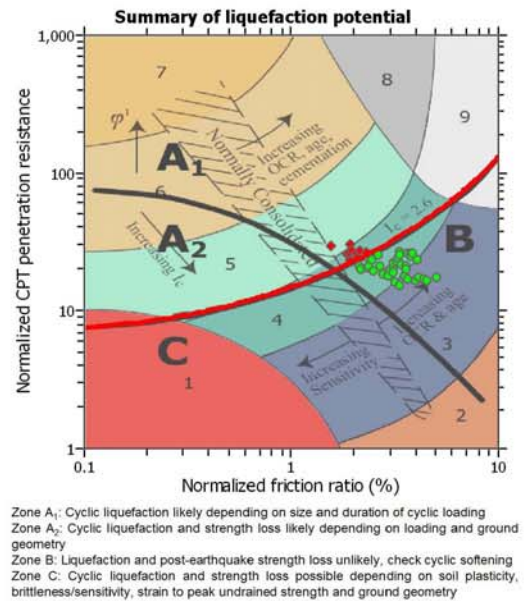
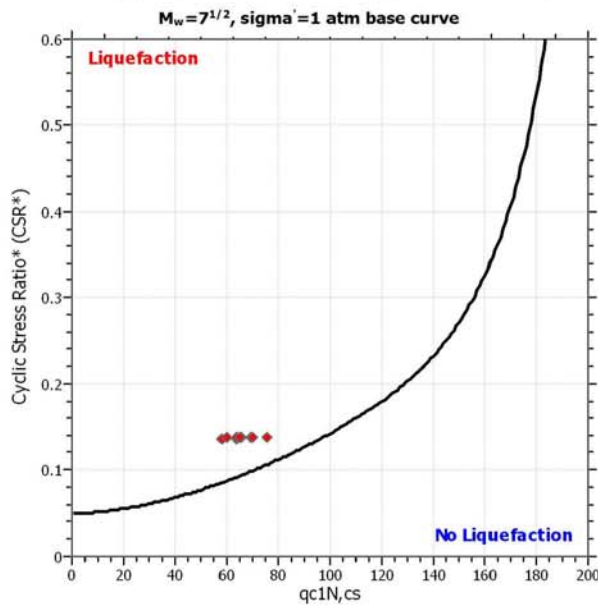
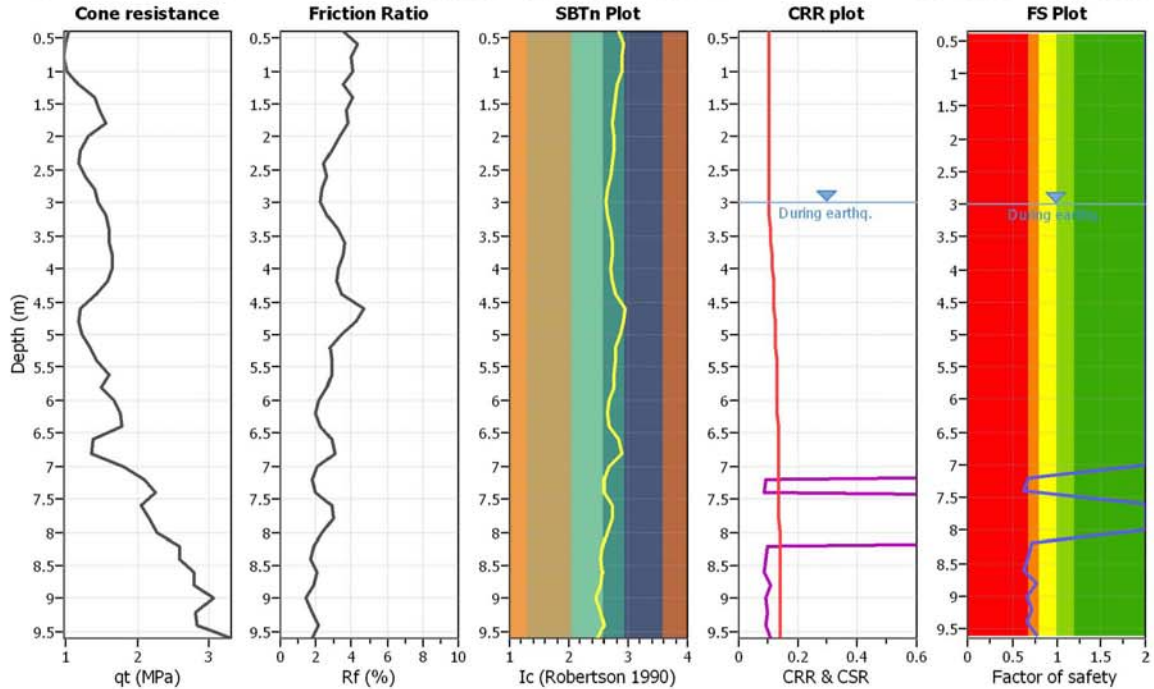
**Project title :**

**Location :**

**CPT file : 203010C191**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

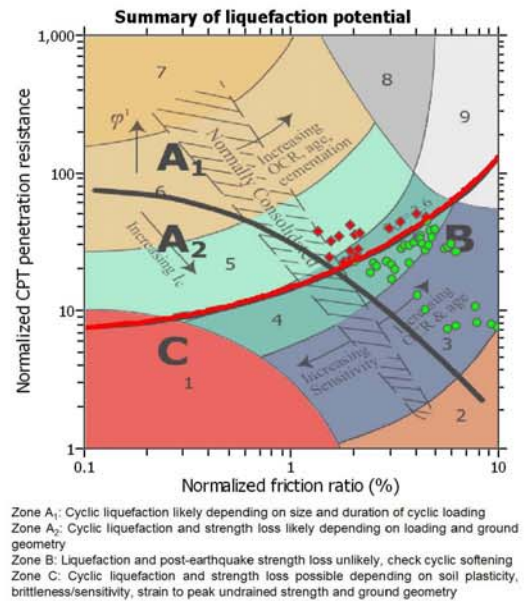
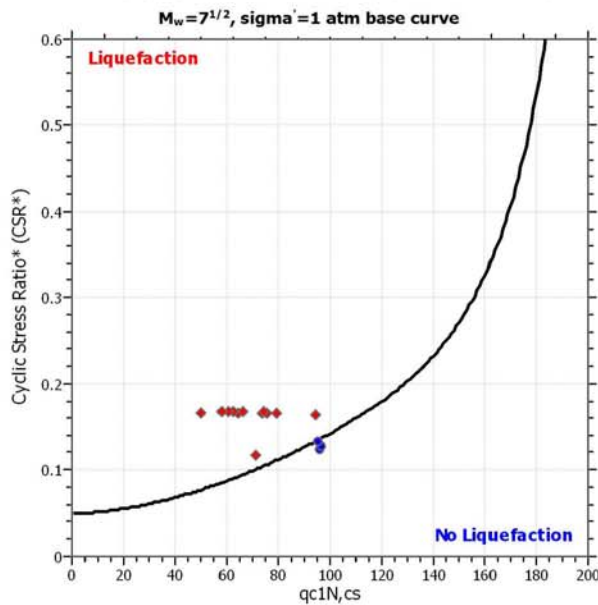
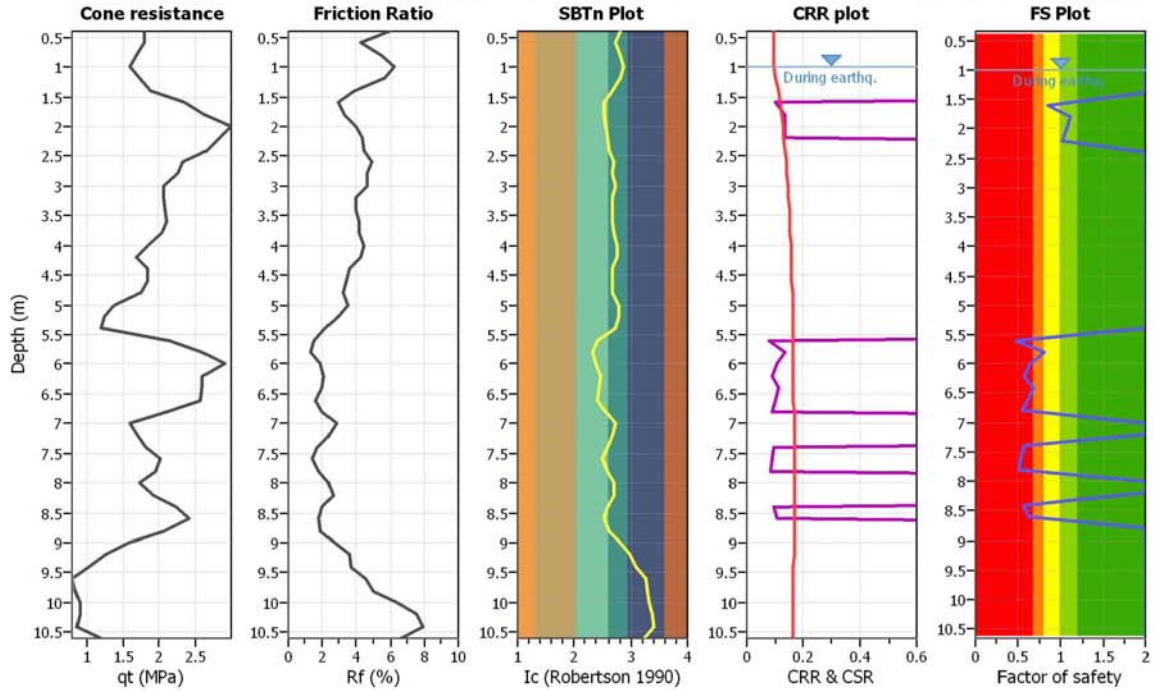
**Project title :**

**Location :**

**CPT file : 203010C192**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

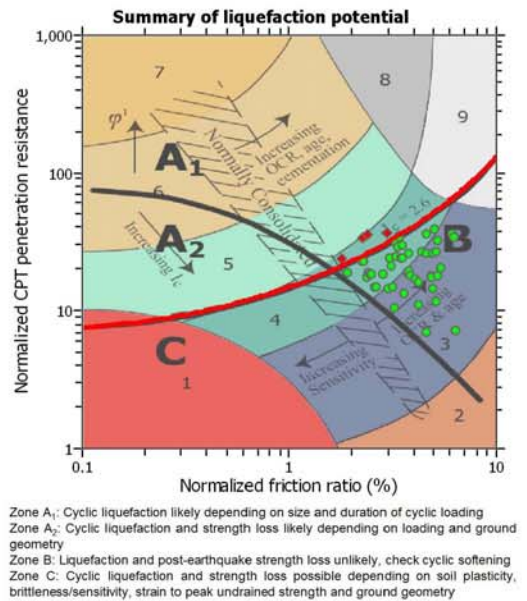
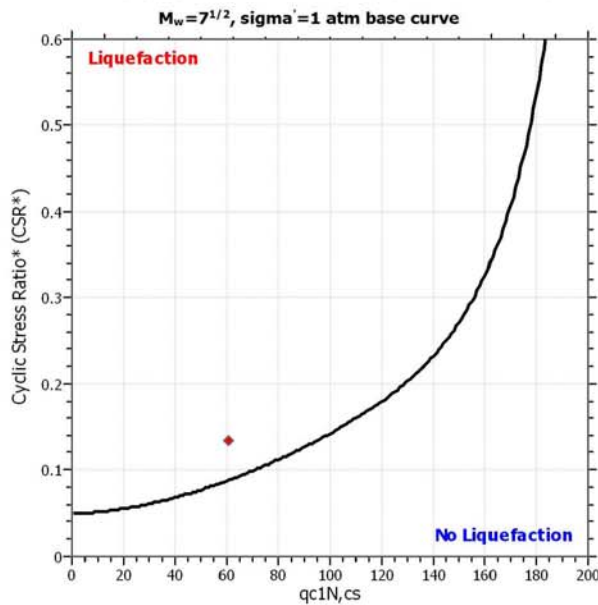
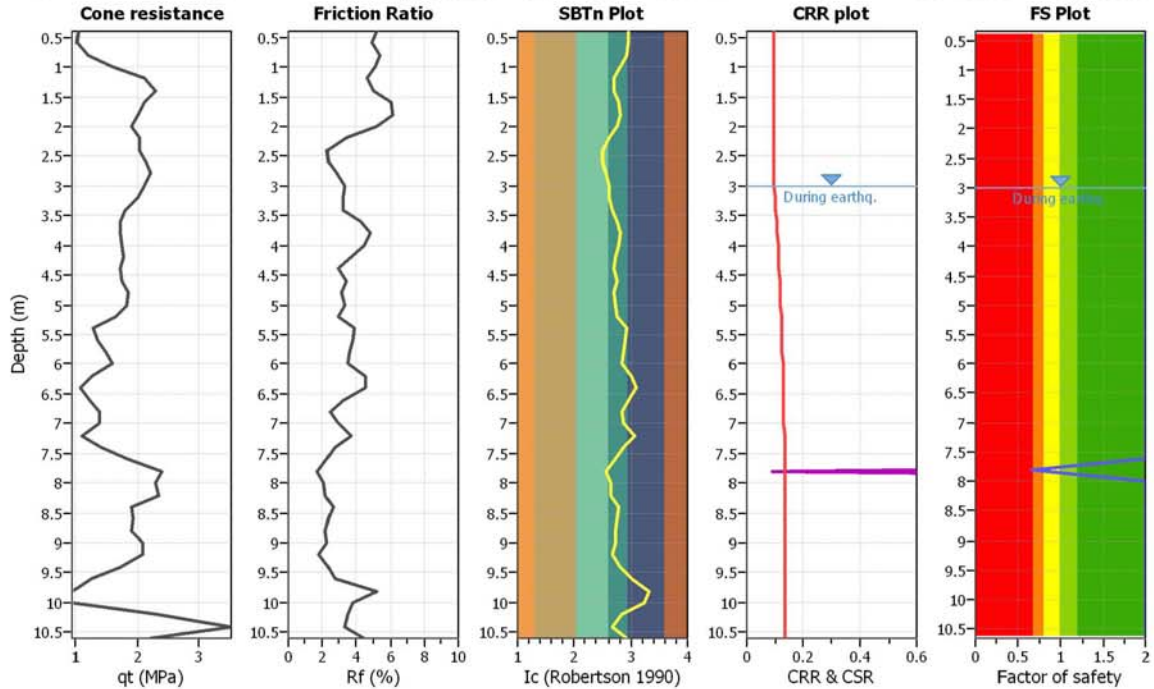
**Project title :**

**Location :**

**CPT file : 203010C193**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

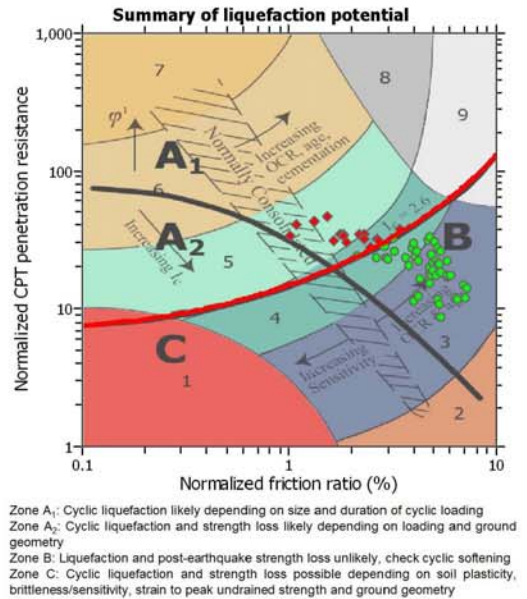
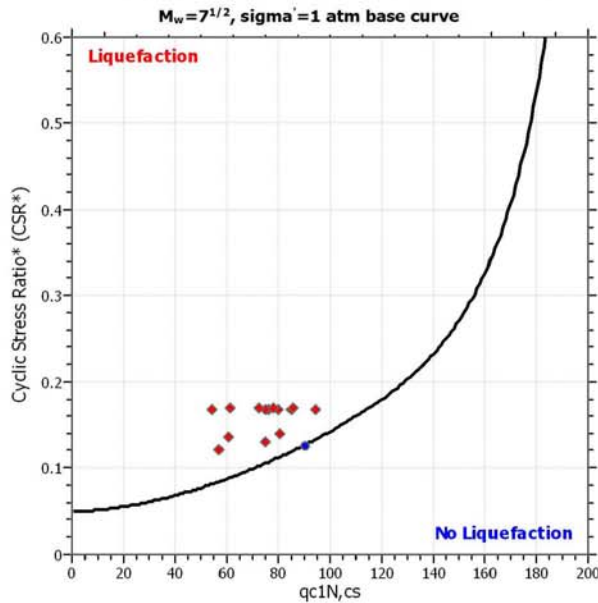
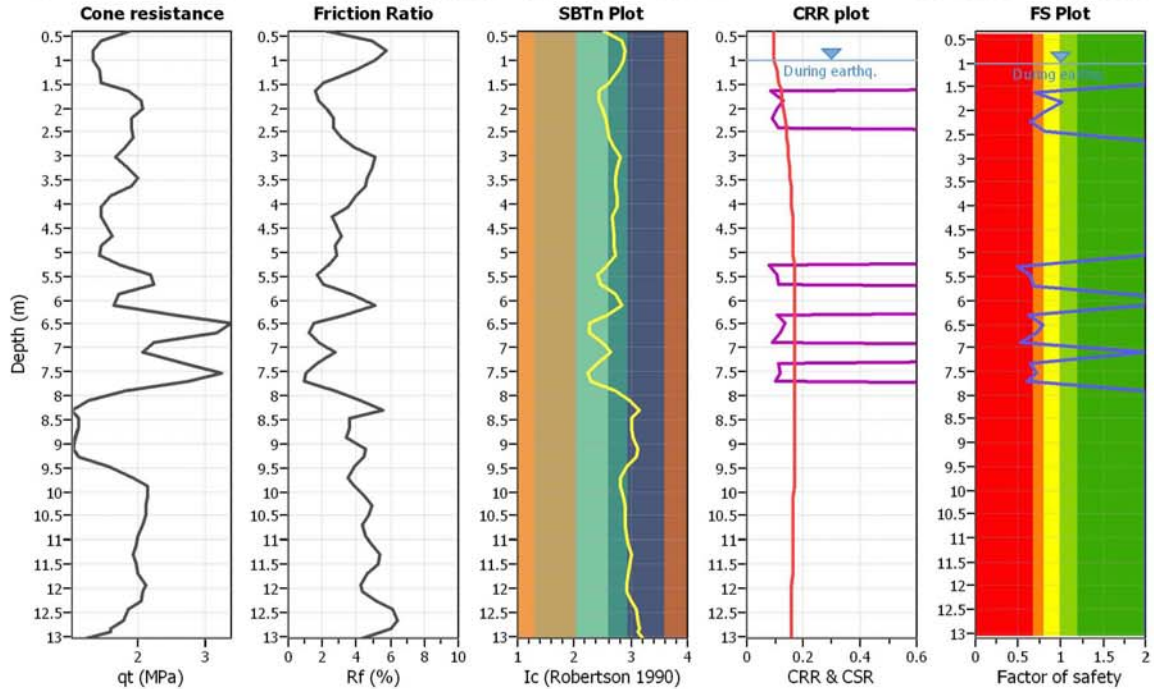
**Project title :**

**Location :**

**CPT file : 203010C194**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

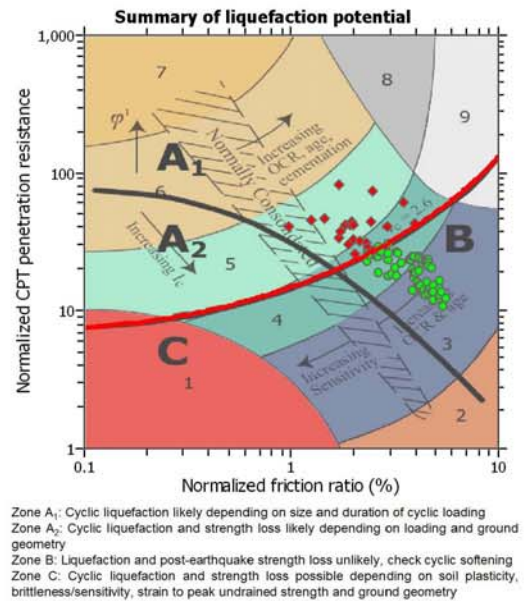
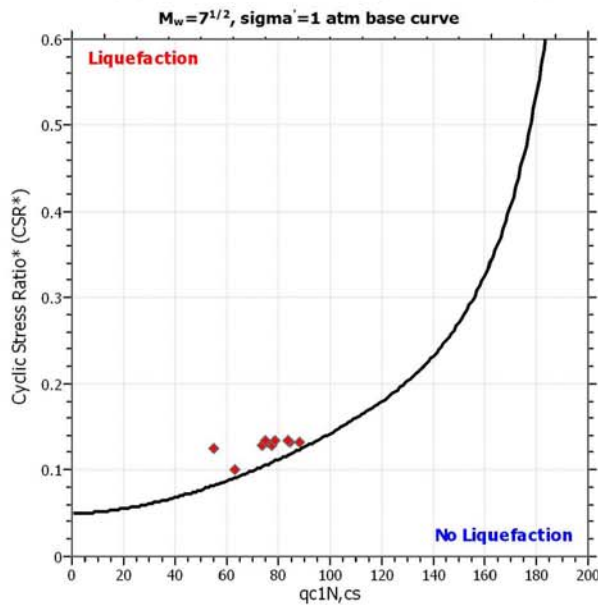
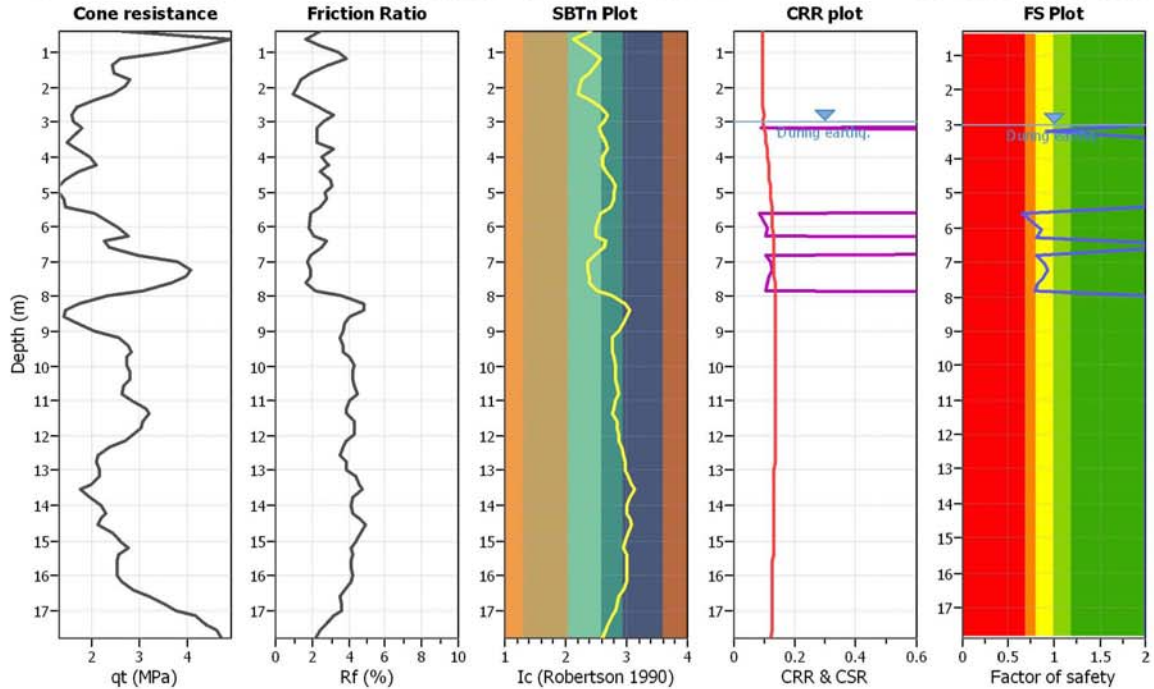
**Project title :**

**Location :**

**CPT file : 203010C195**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

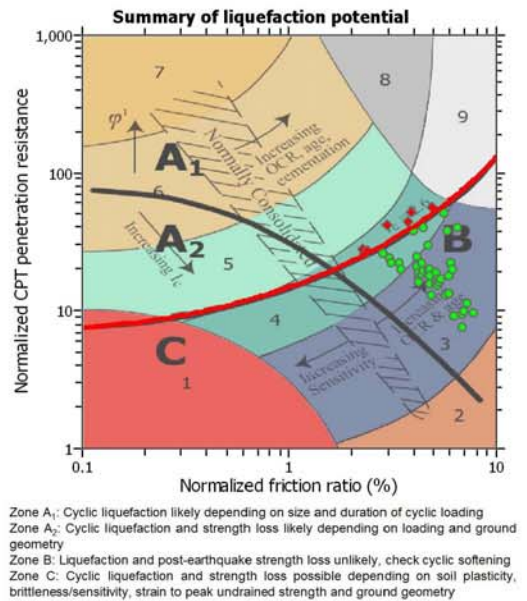
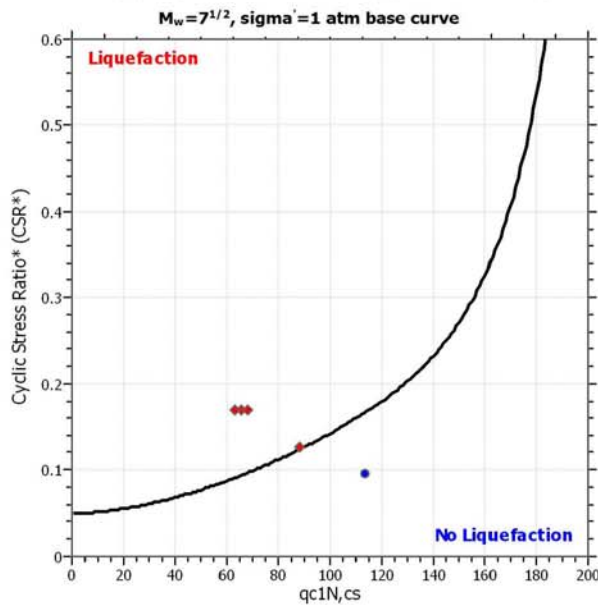
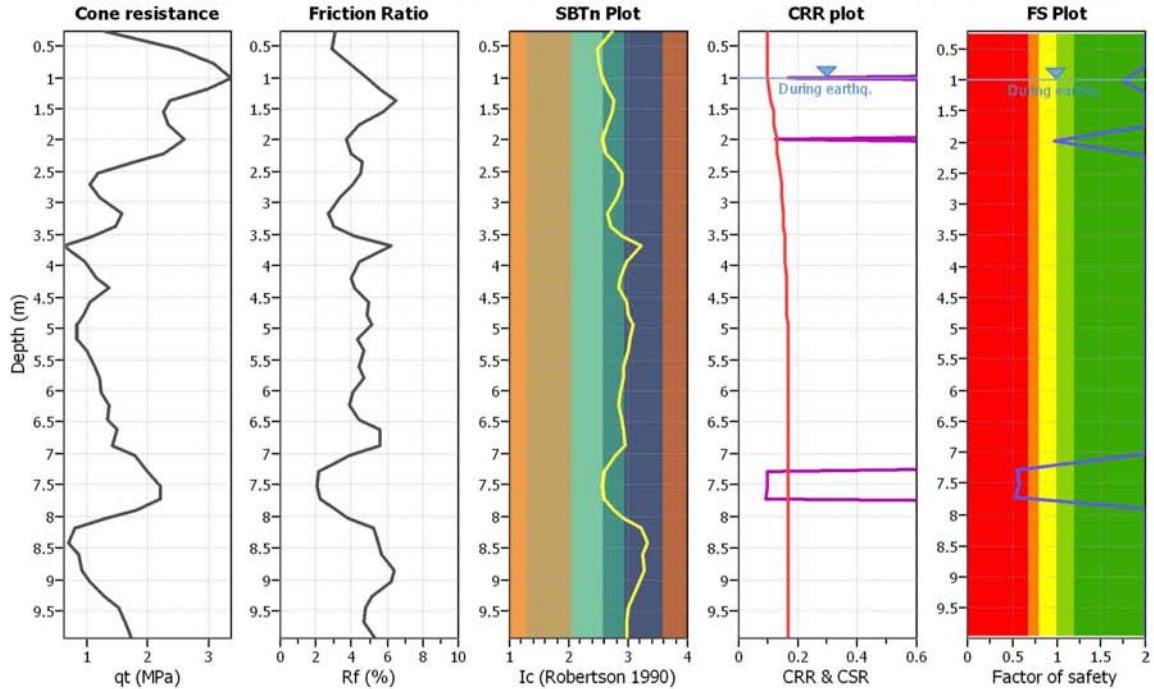
**Project title :**

**Location :**

**CPT file : 203010C196**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

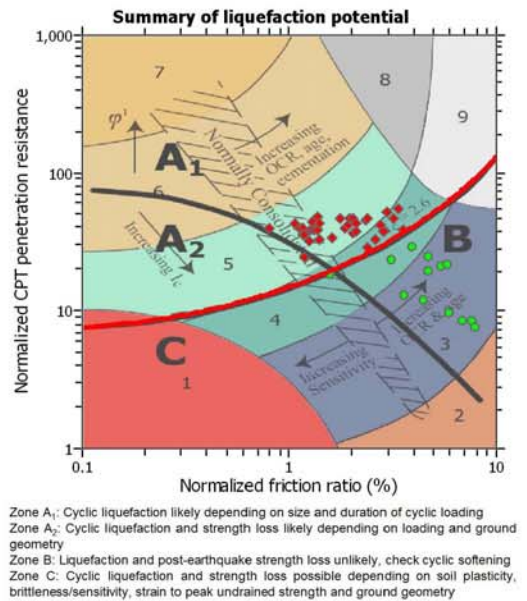
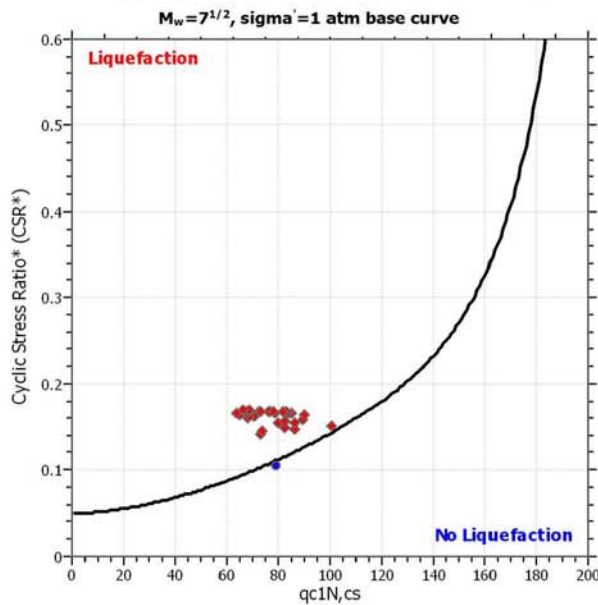
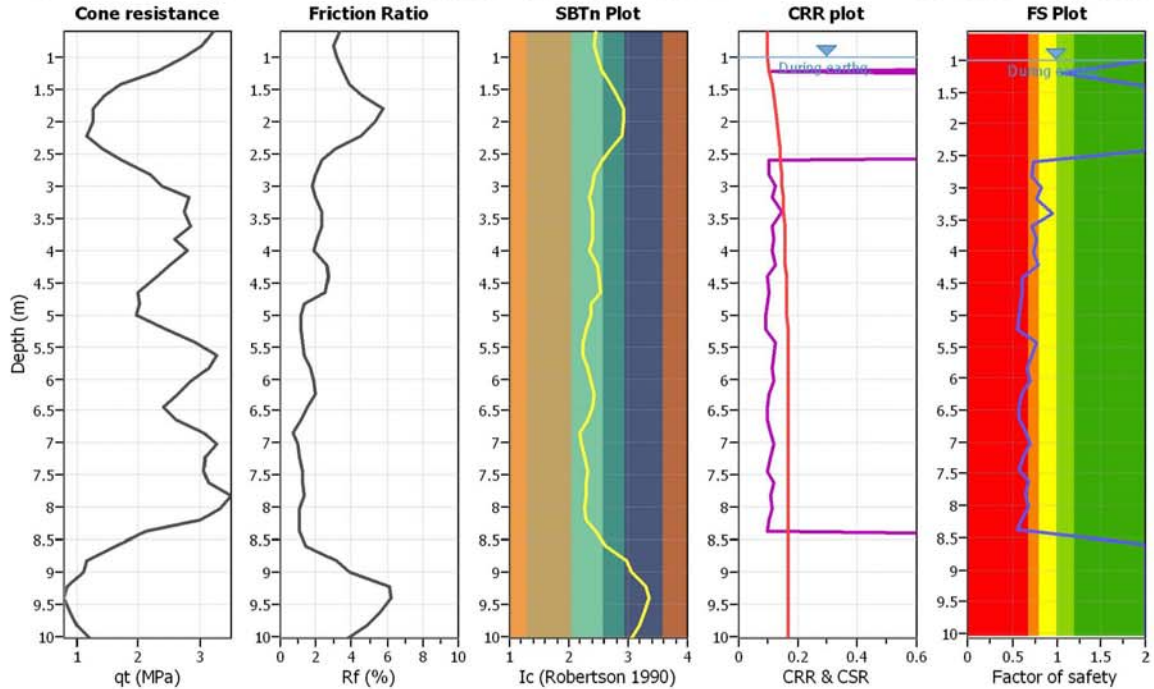
**Project title :**

**Location :**

**CPT file : 203010C197**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

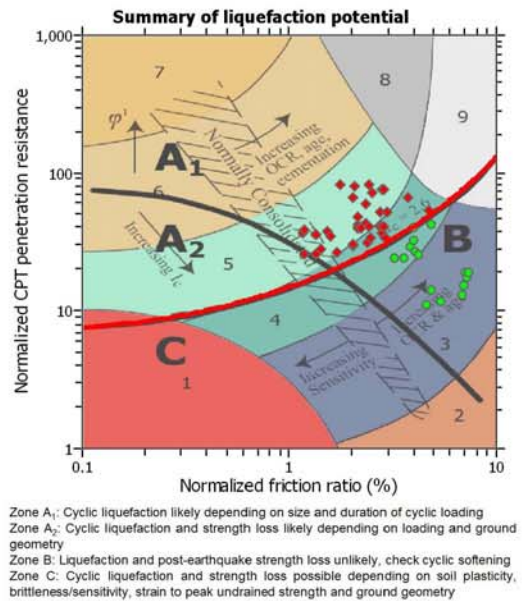
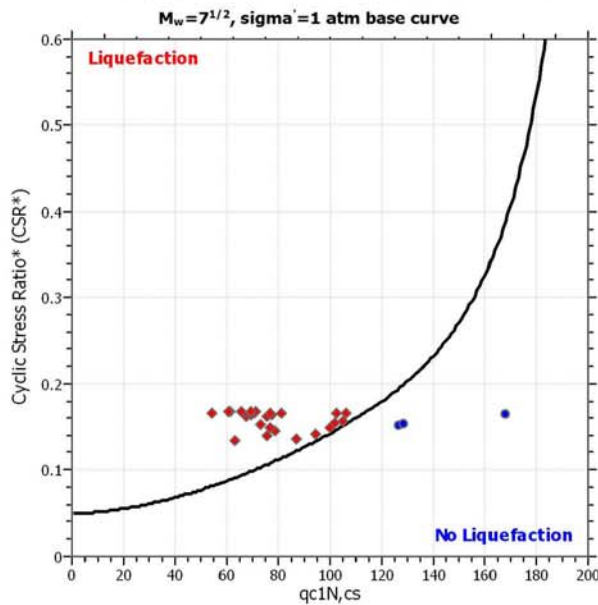
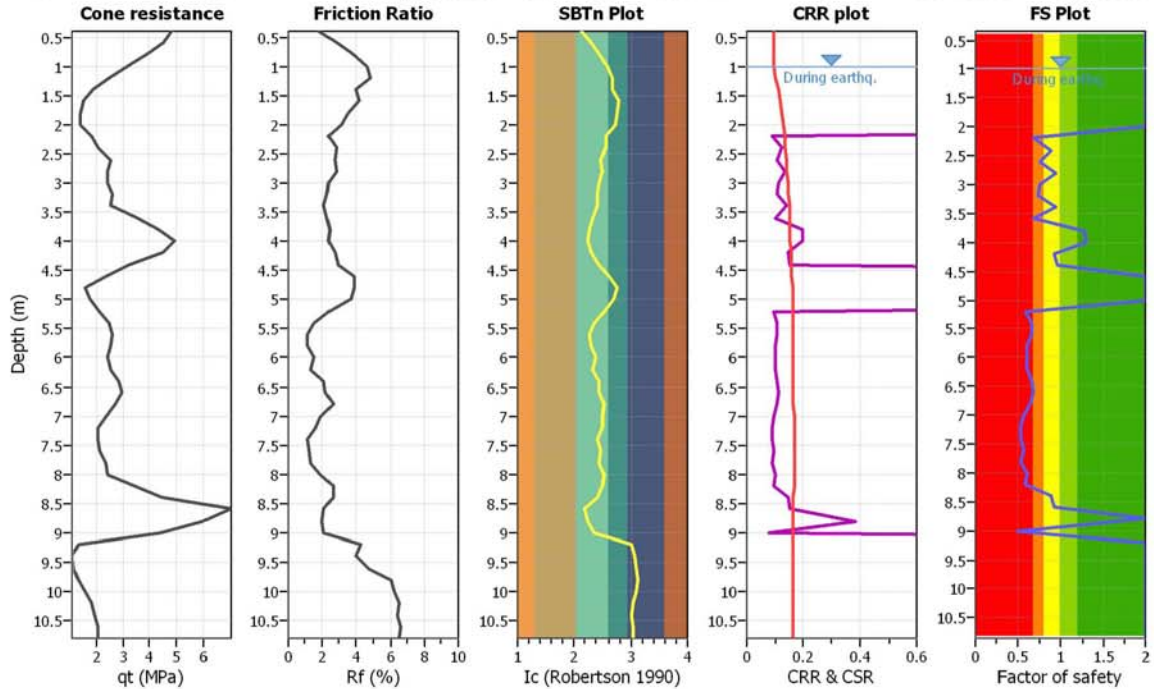
**Project title :**

**Location :**

**CPT file : 203010C198**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

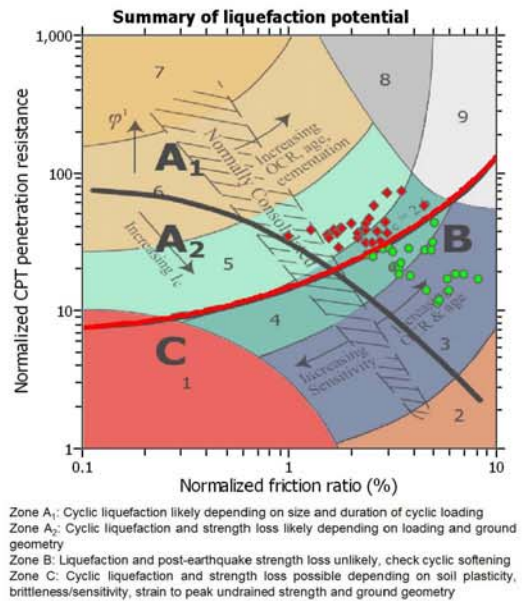
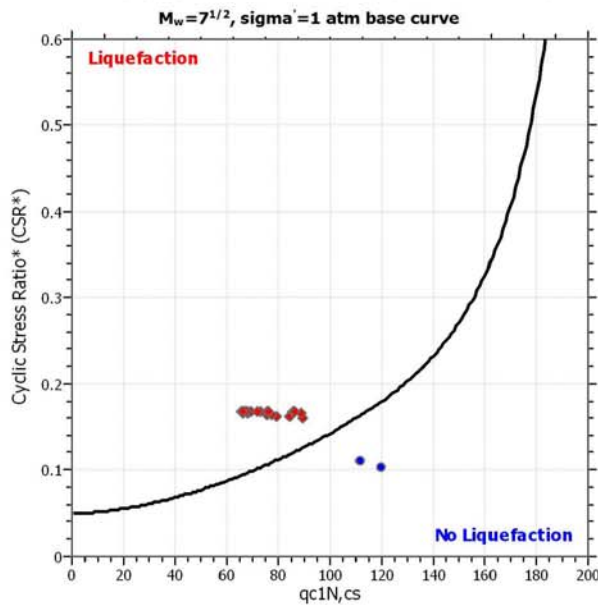
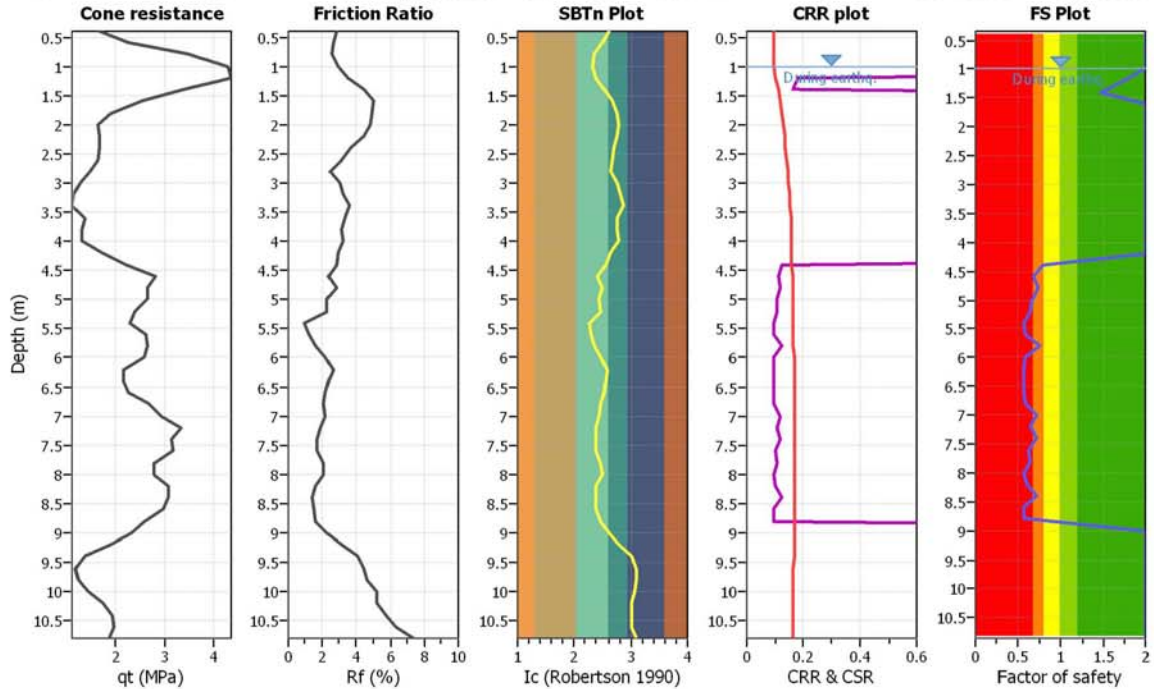
**Project title :**

**Location :**

**CPT file : 203010C199**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

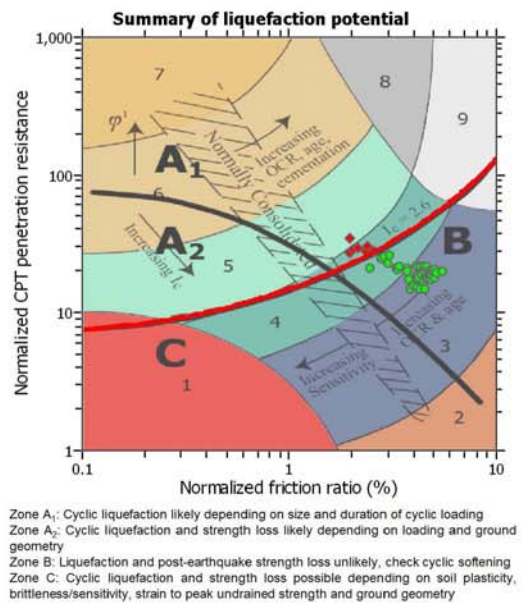
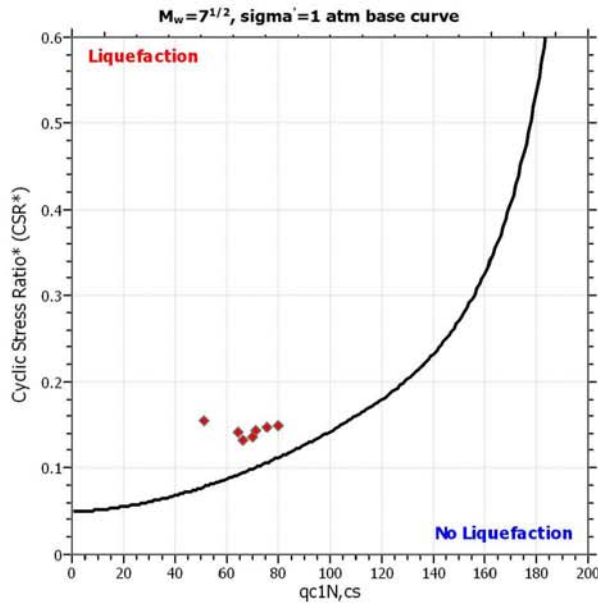
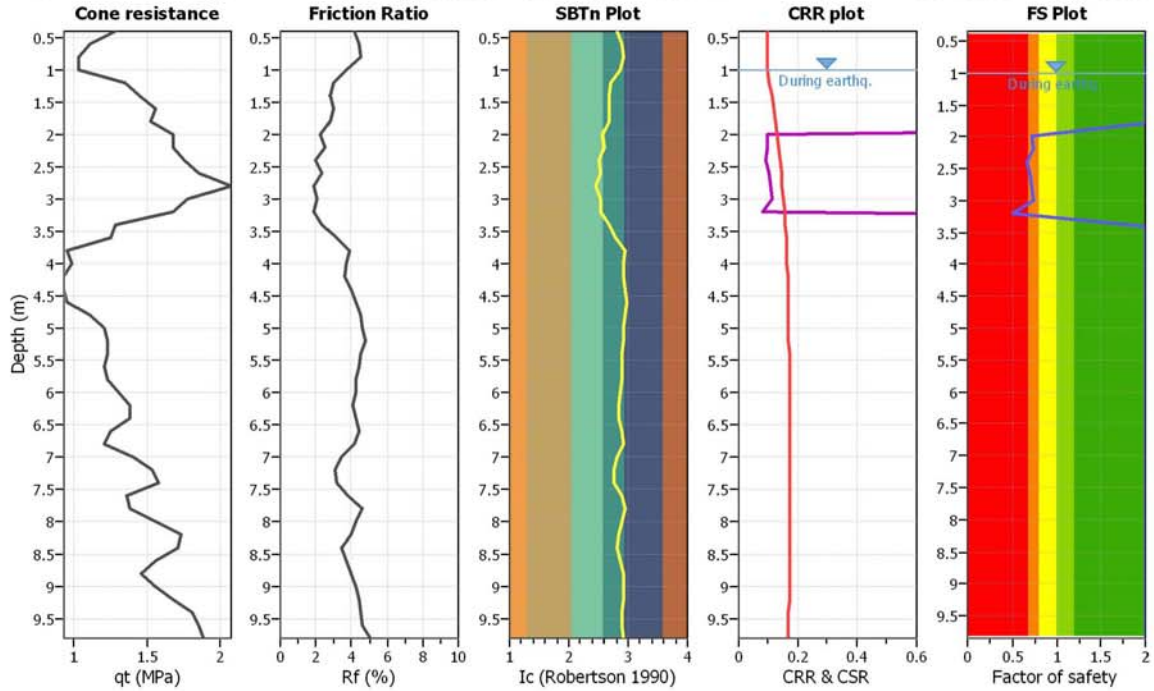
**Project title :**

**Location :**

**CPT file : 203010C200**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

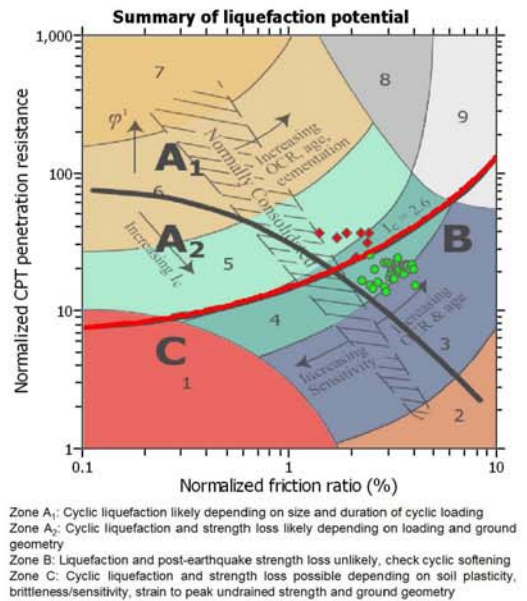
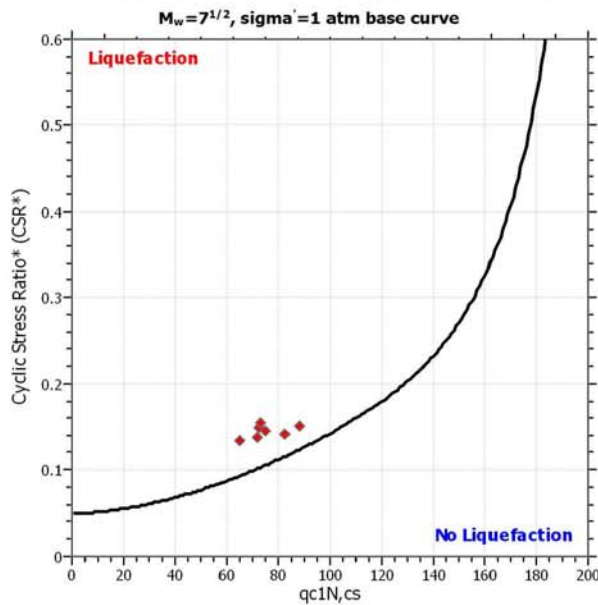
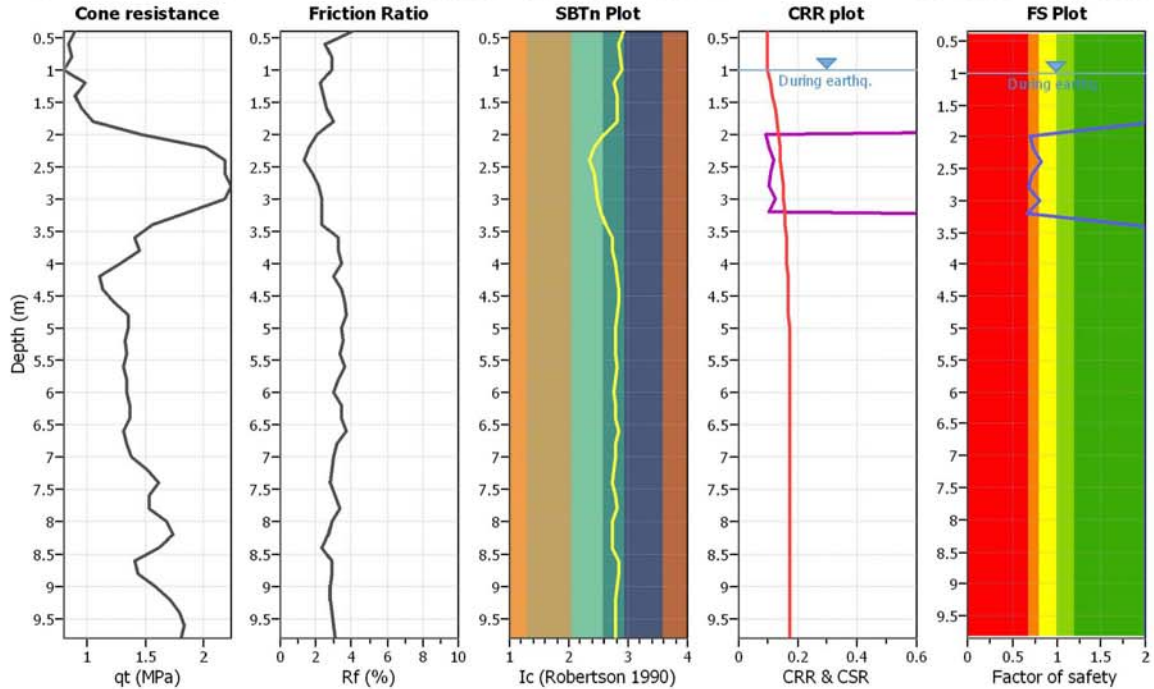
**Project title :**

**Location :**

**CPT file : 203010C201**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

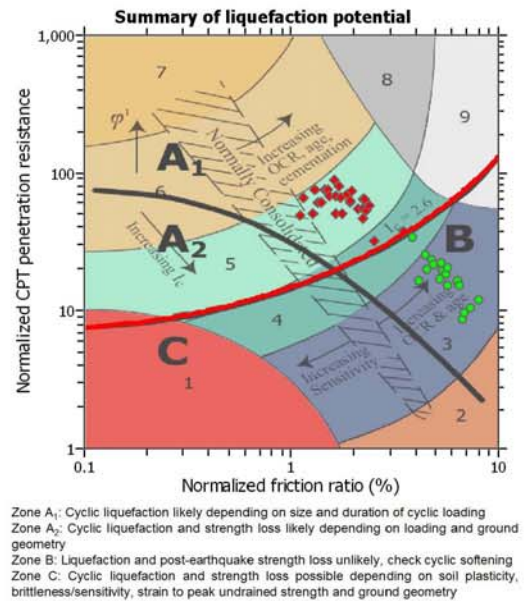
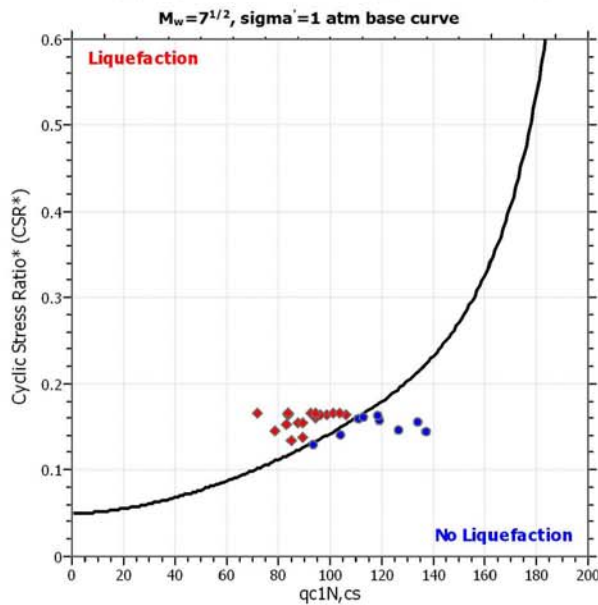
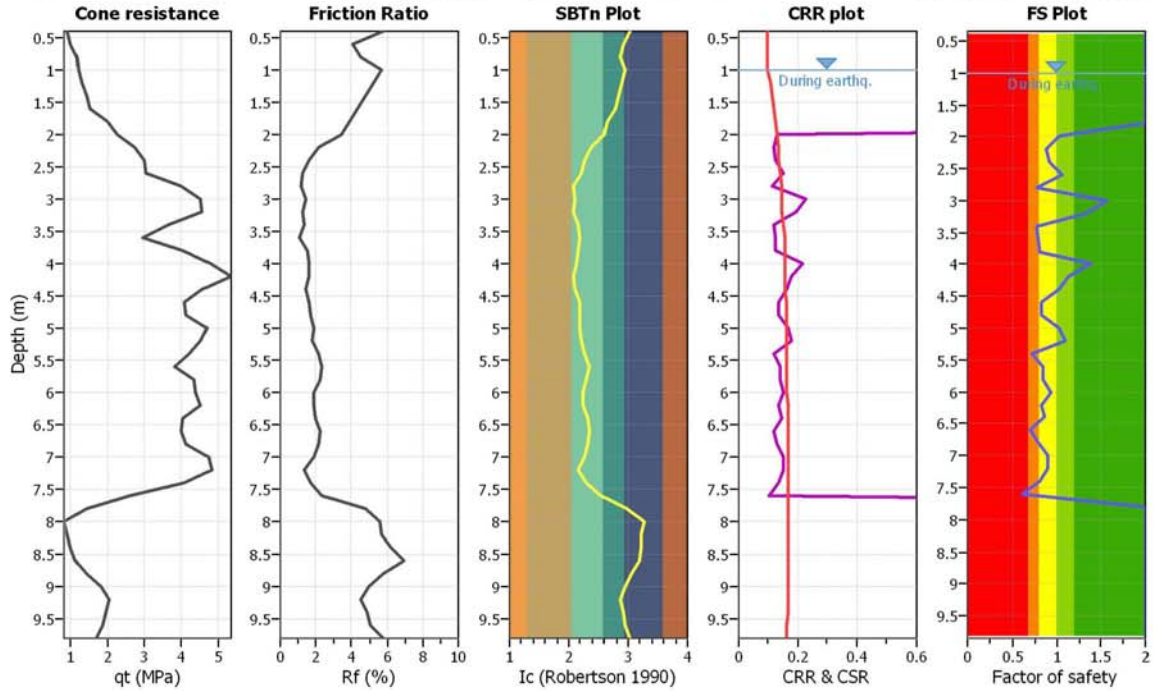
**Project title :**

**Location :**

**CPT file : 203010C202**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

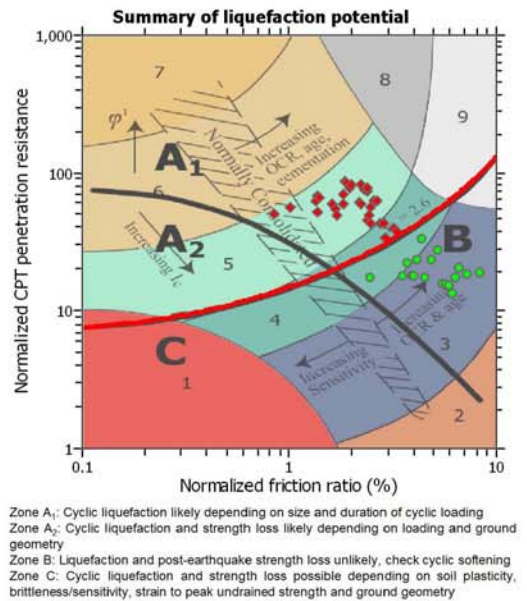
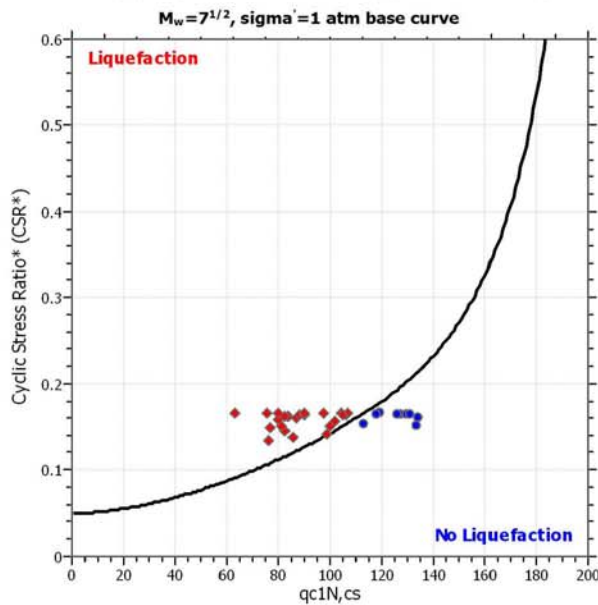
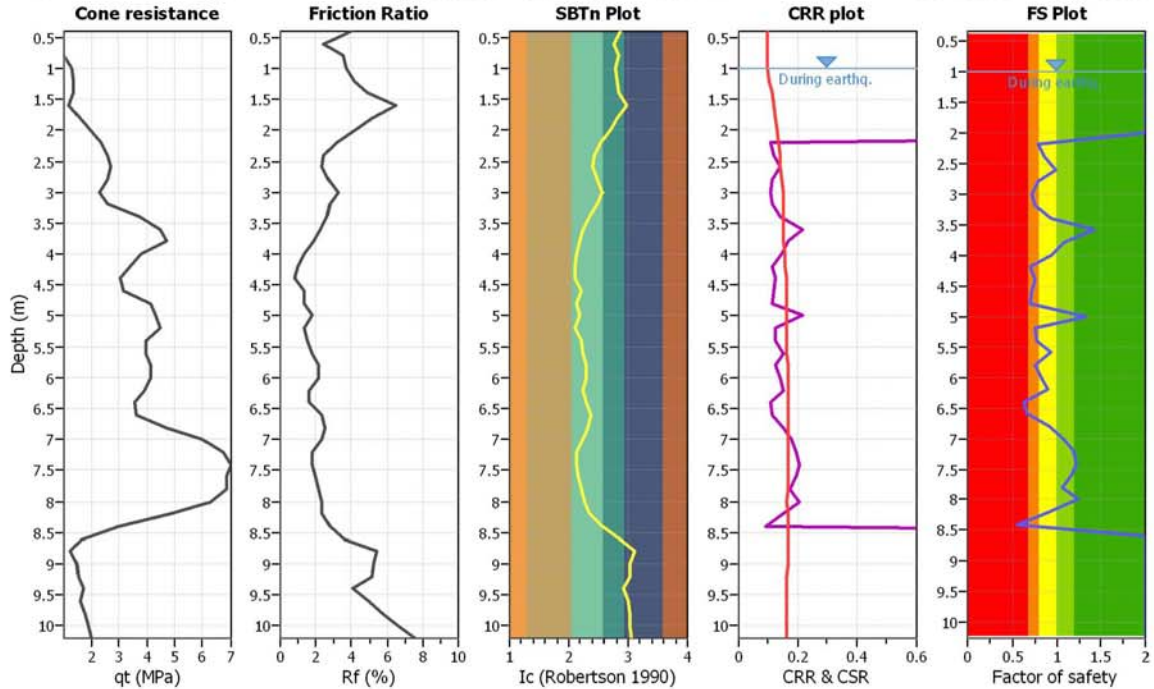
**Project title :**

**Location :**

**CPT file : 203010C203**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

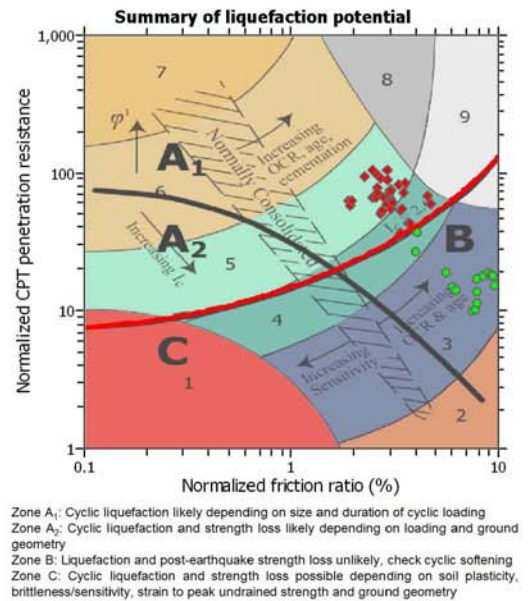
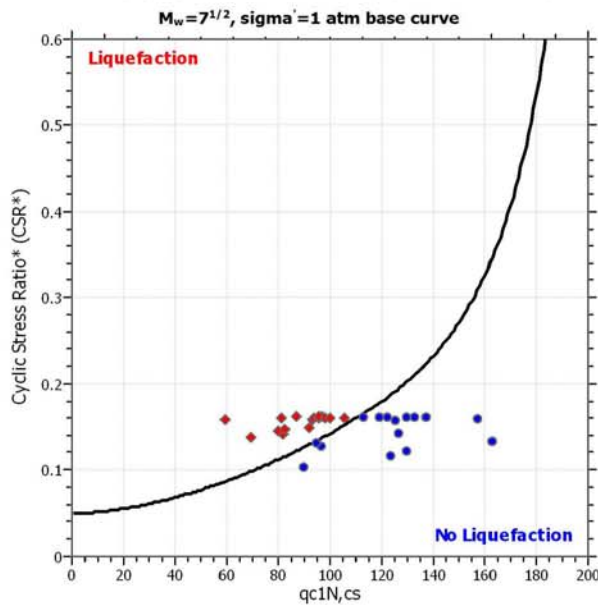
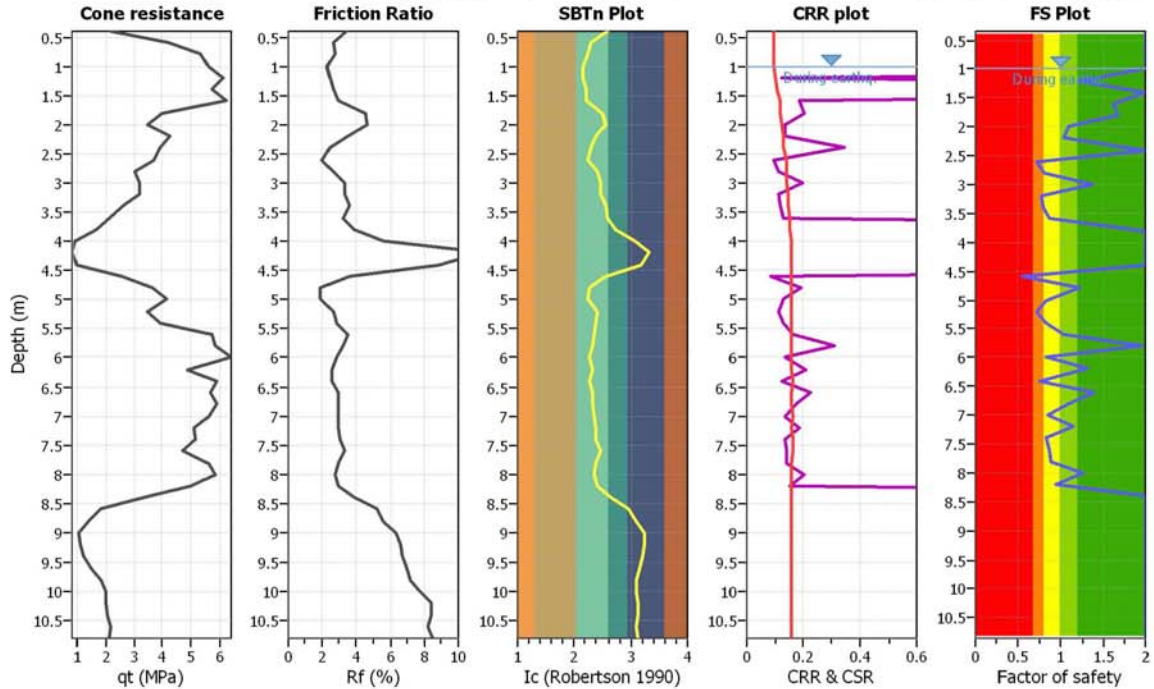
**Project title :**

**Location :**

**CPT file : 203010C204**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

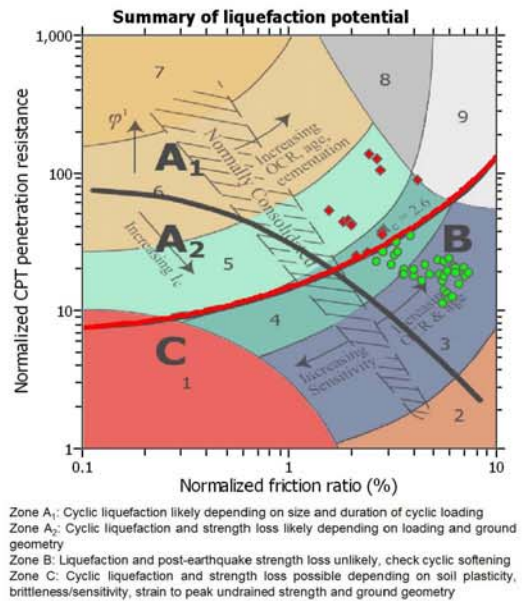
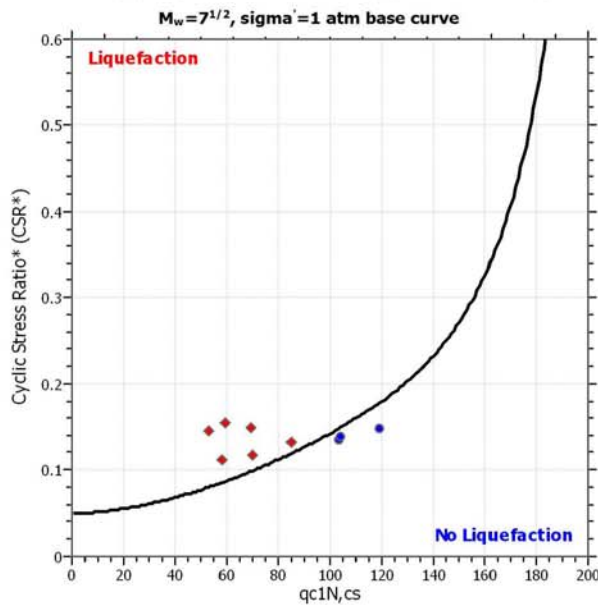
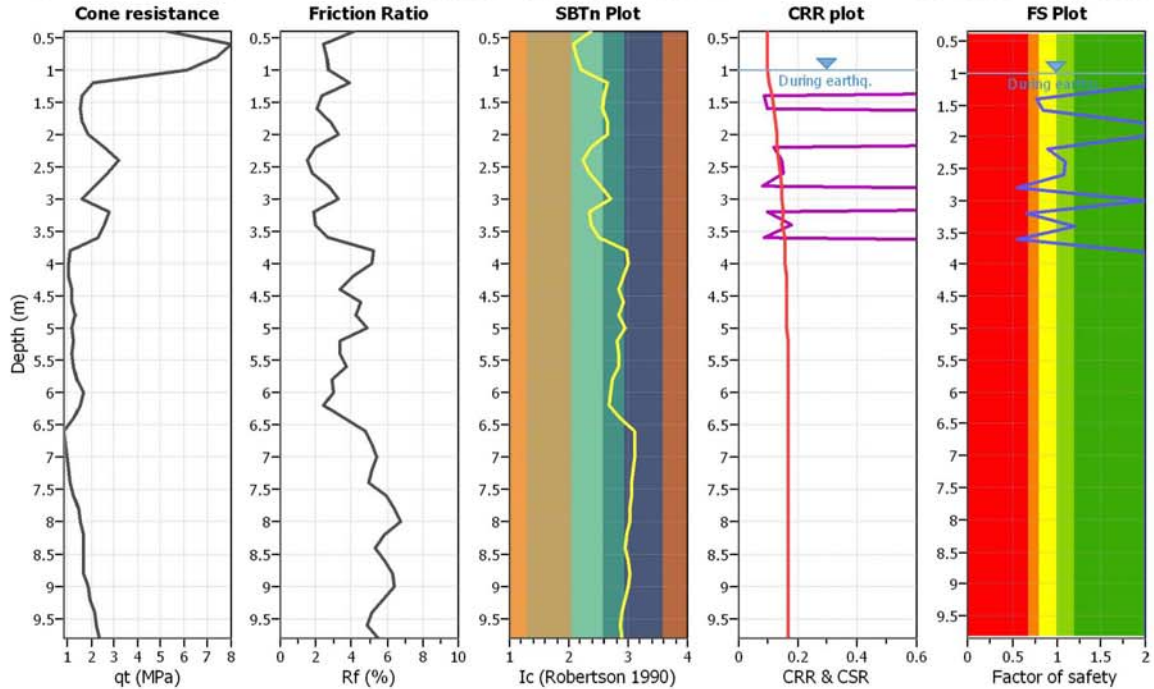
**Project title :**

**Location :**

**CPT file : 203010C205**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

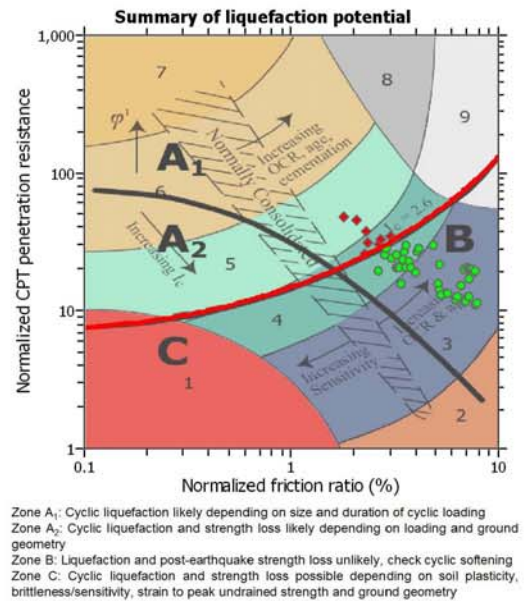
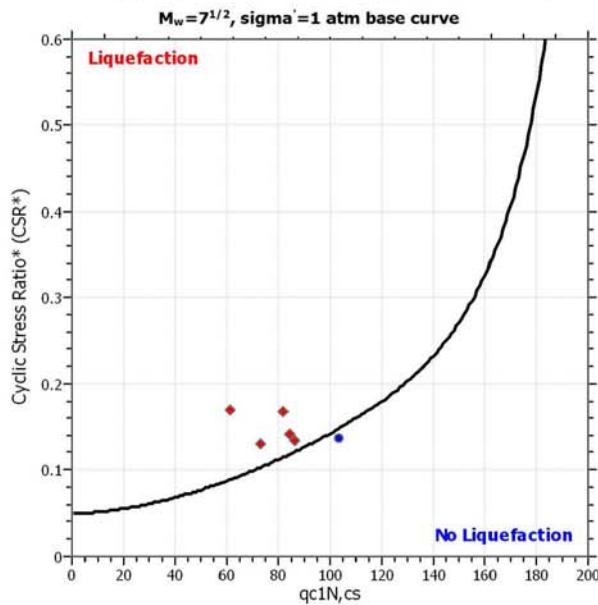
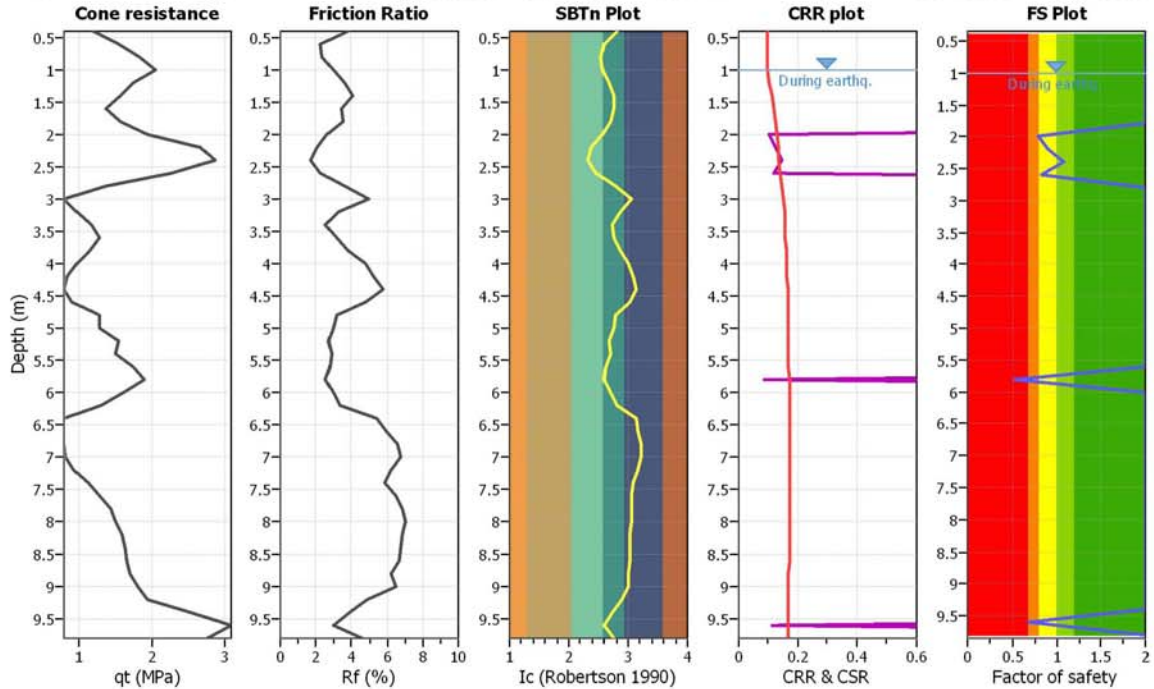
**Project title :**

**Location :**

**CPT file : 203010C206**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

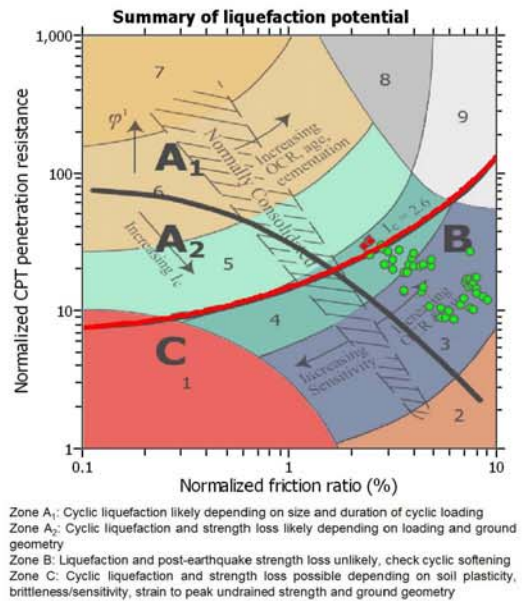
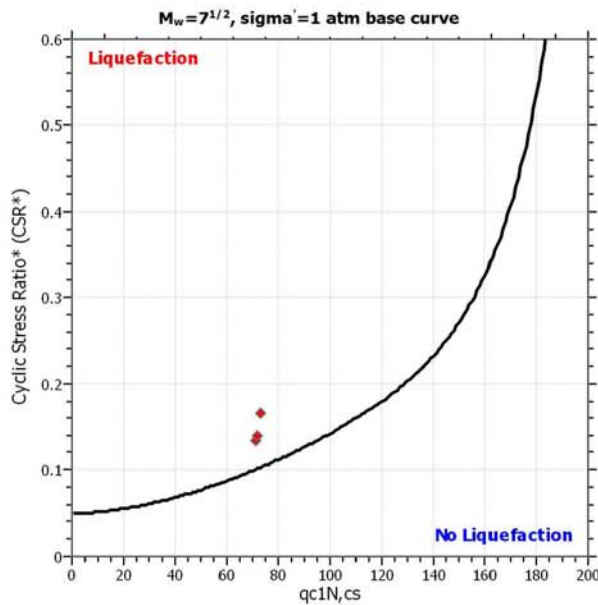
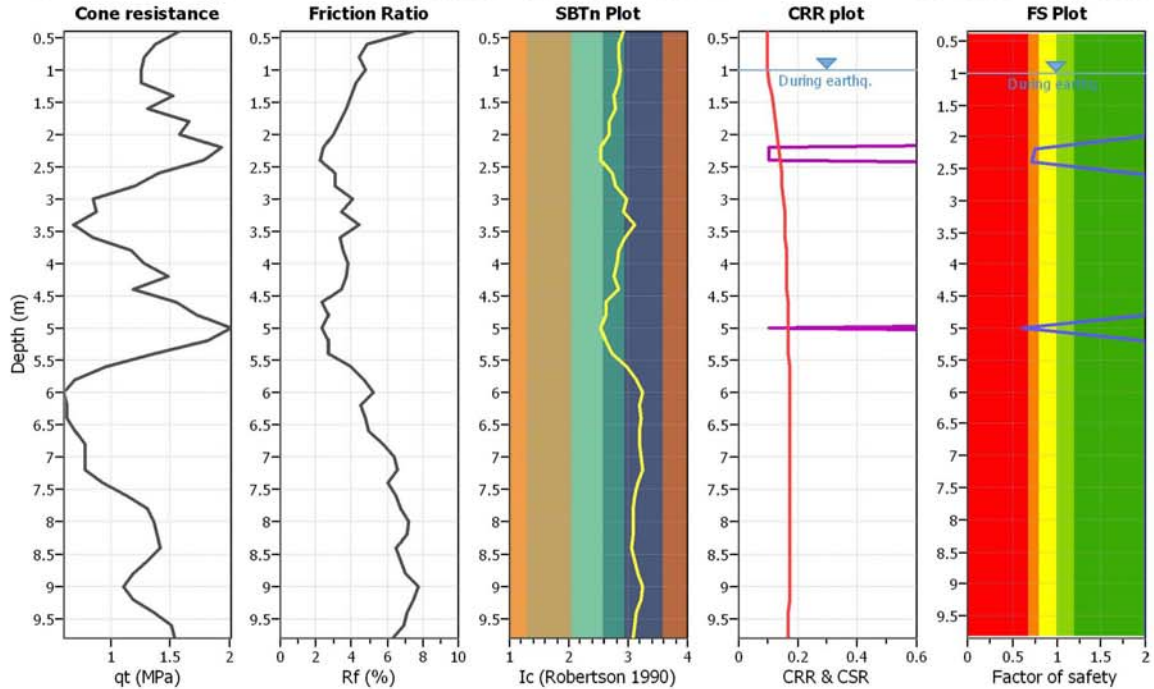
**Project title :**

**Location :**

**CPT file : 203010C207**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

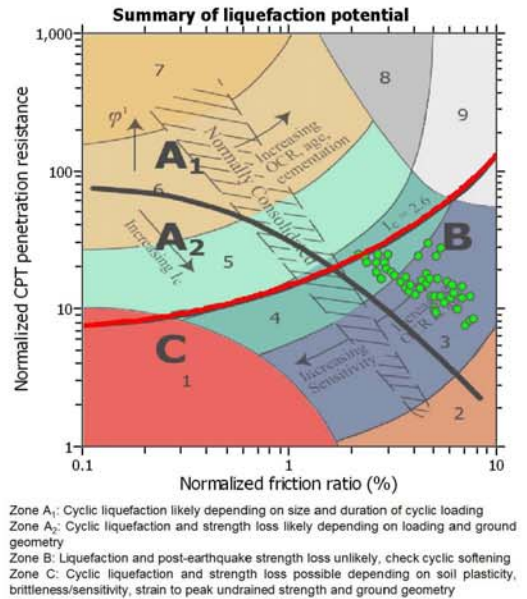
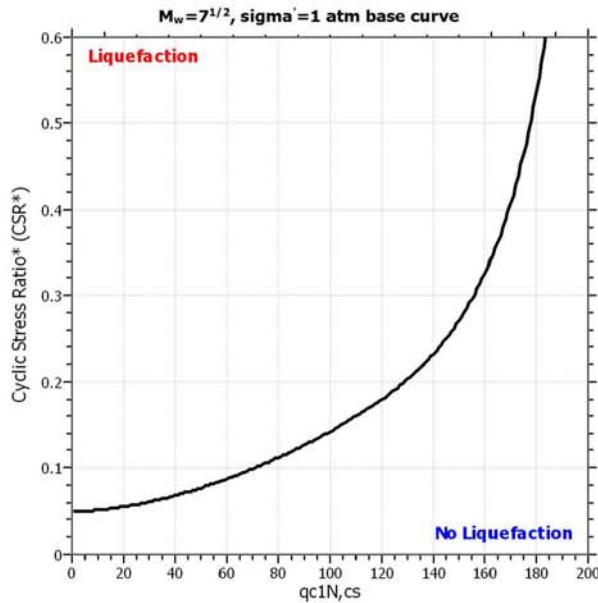
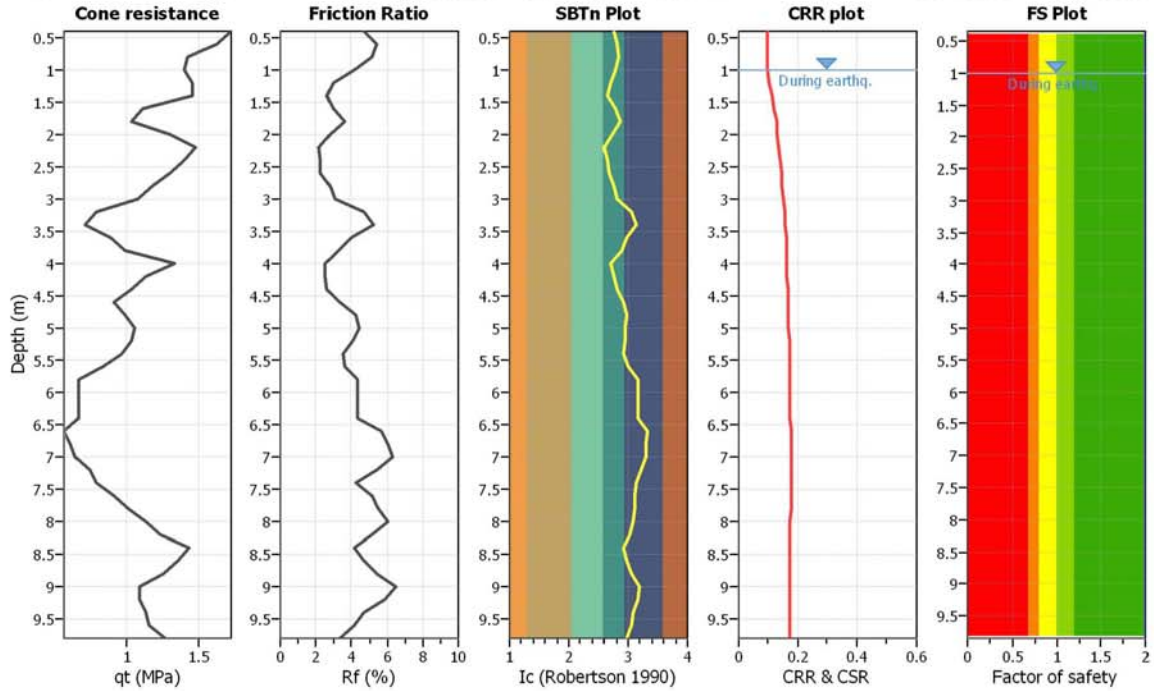
**Project title :**

**Location :**

**CPT file : 203010C208**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

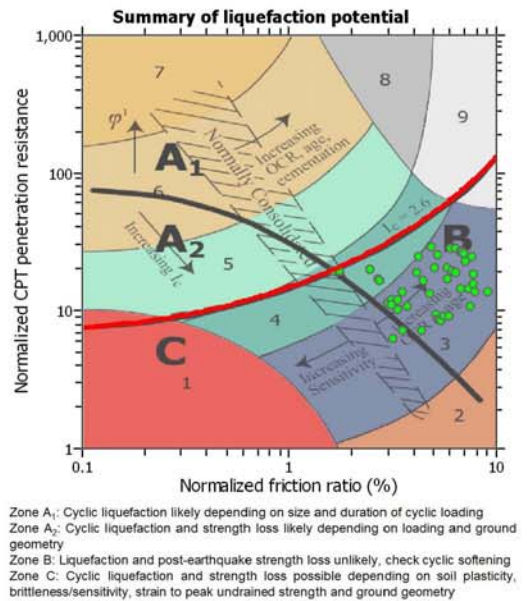
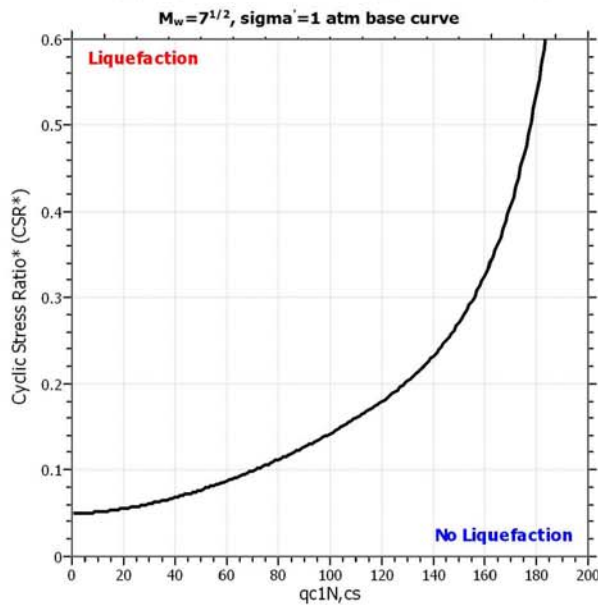
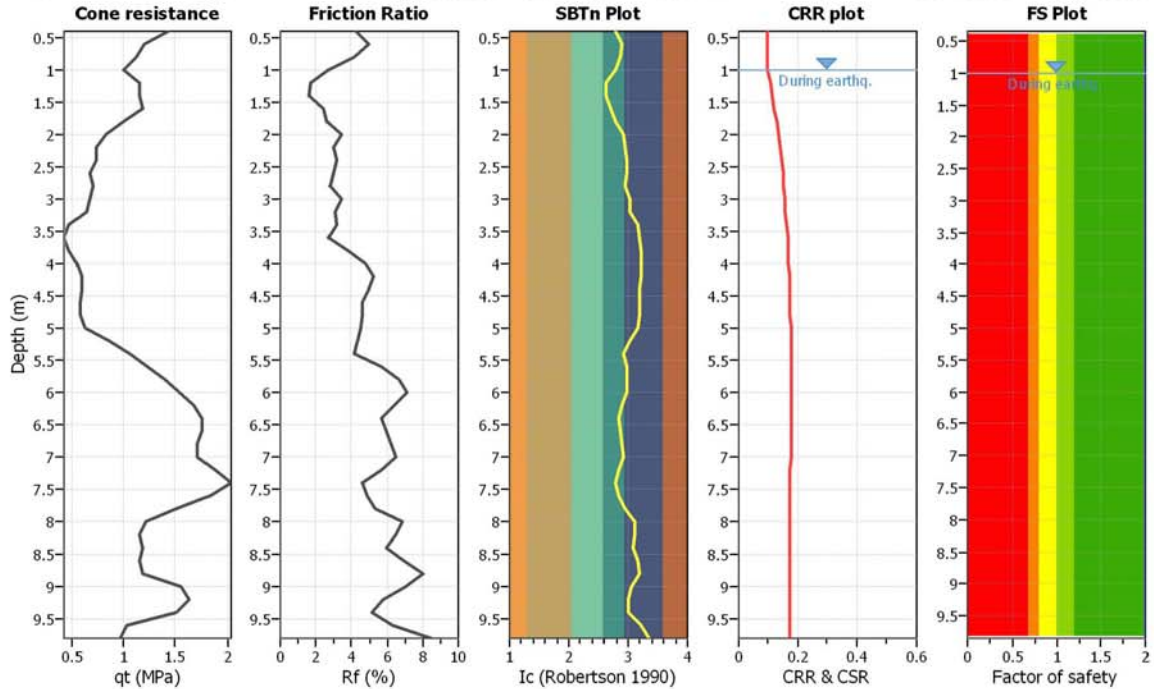
**Project title :**

**Location :**

**CPT file : 203010C209**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

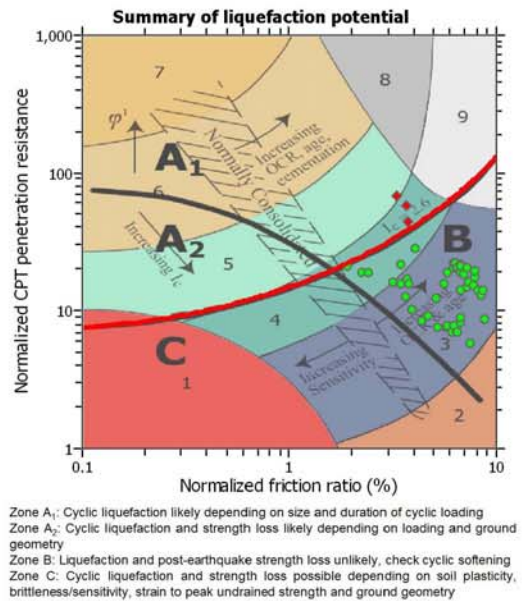
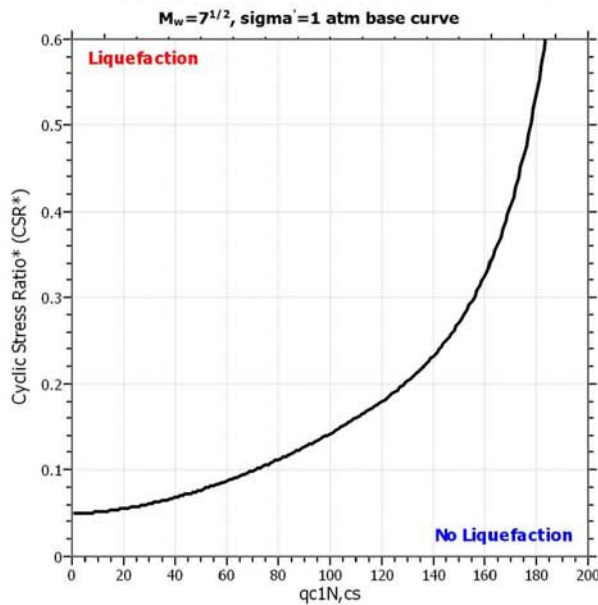
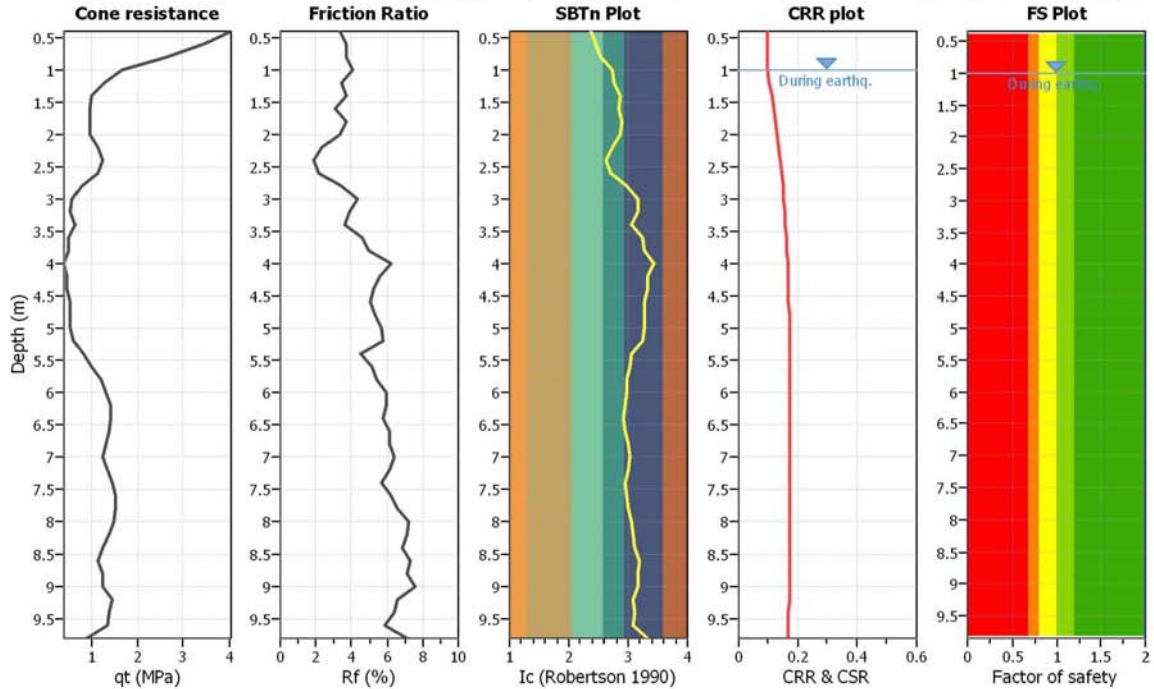
**Project title :**

**Location :**

**CPT file : 203010C210**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

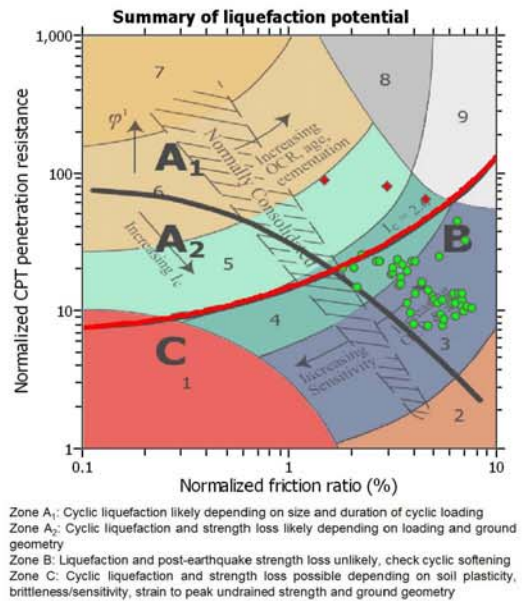
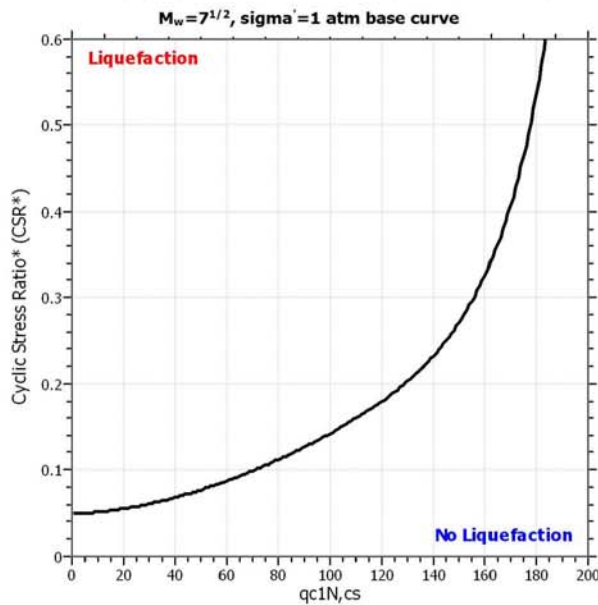
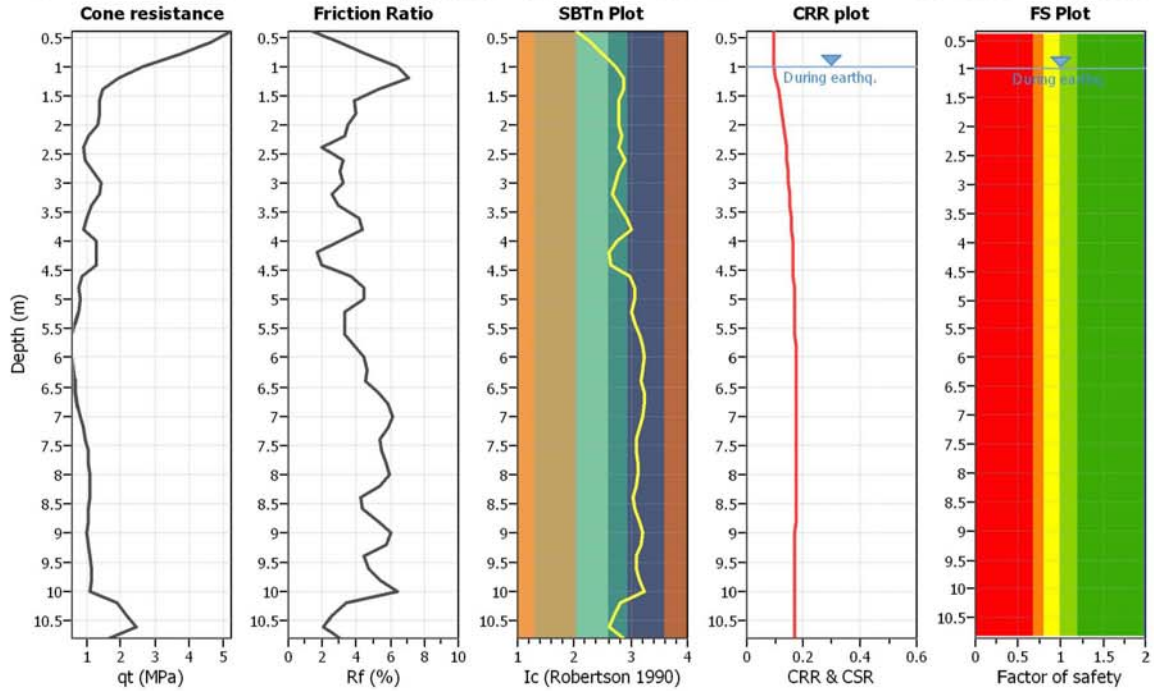
**Project title :**

**Location :**

**CPT file : 203010C211**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

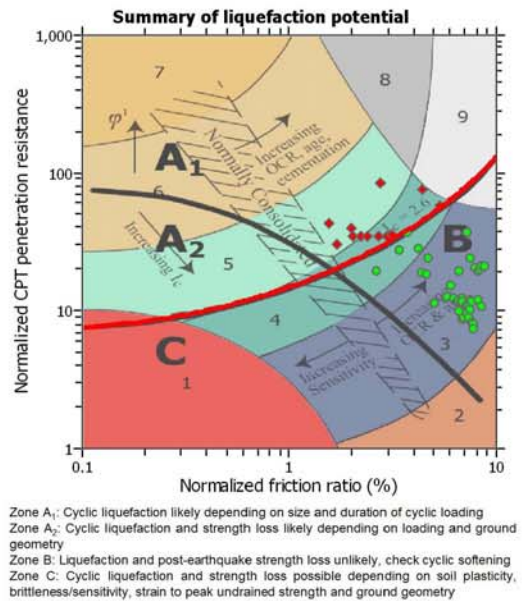
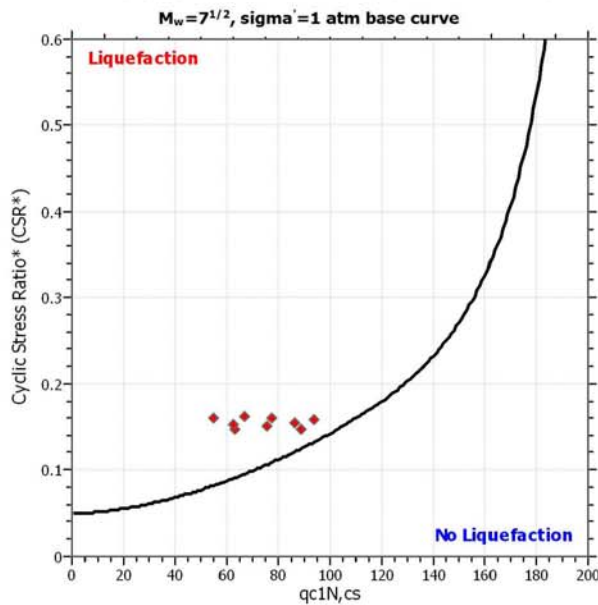
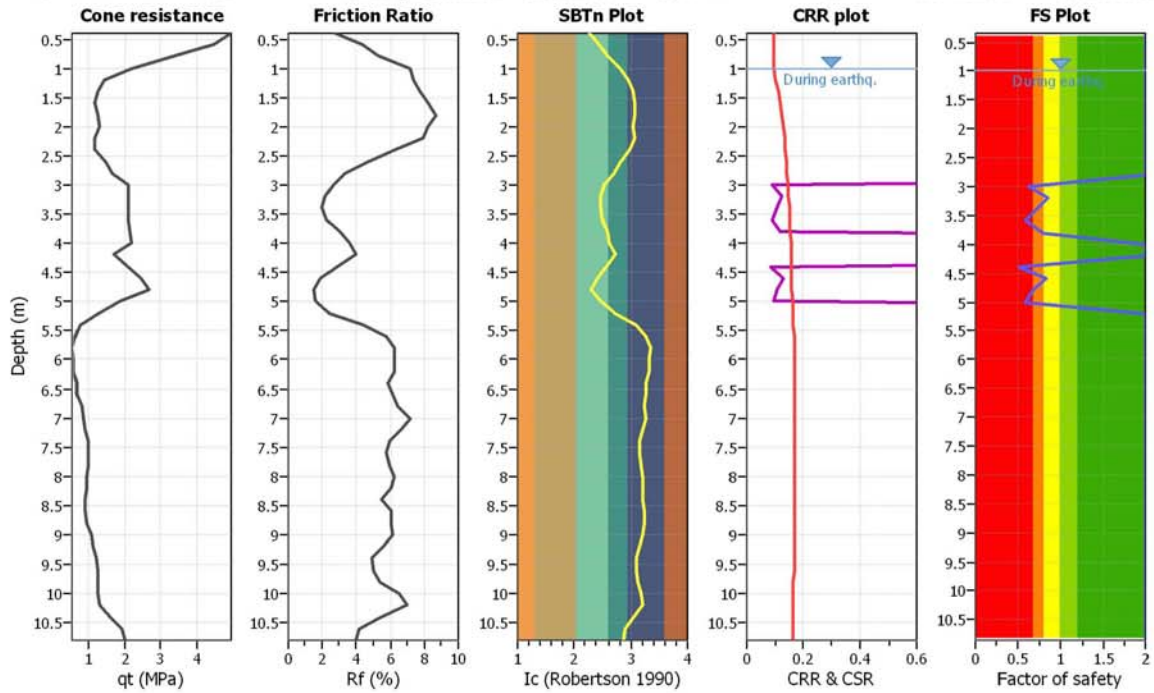
**Project title :**

**Location :**

**CPT file : 203010C212**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

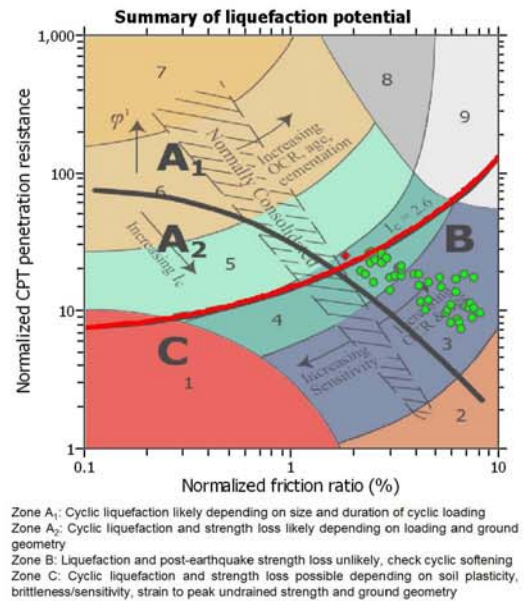
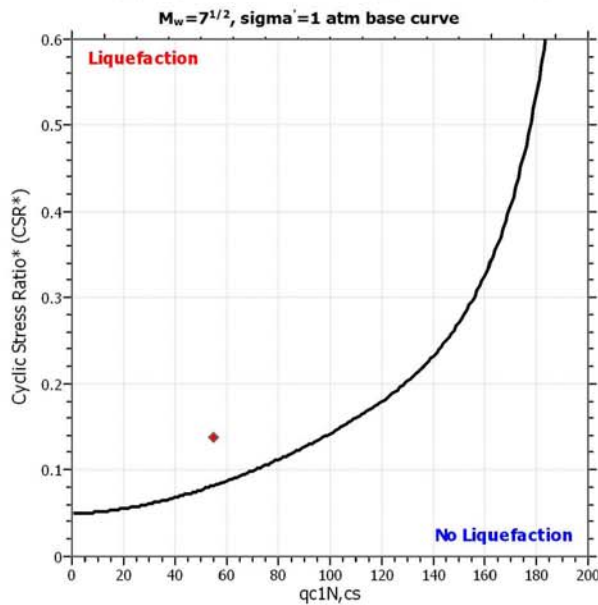
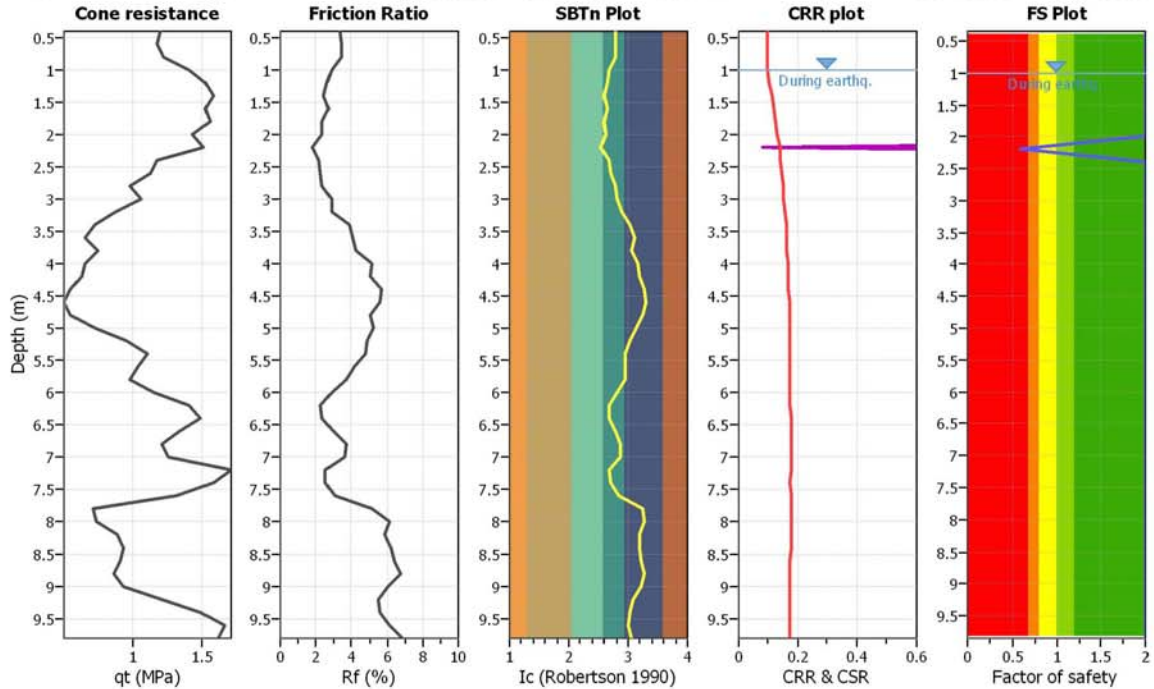
**Project title :**

**Location :**

**CPT file : 203010C213**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

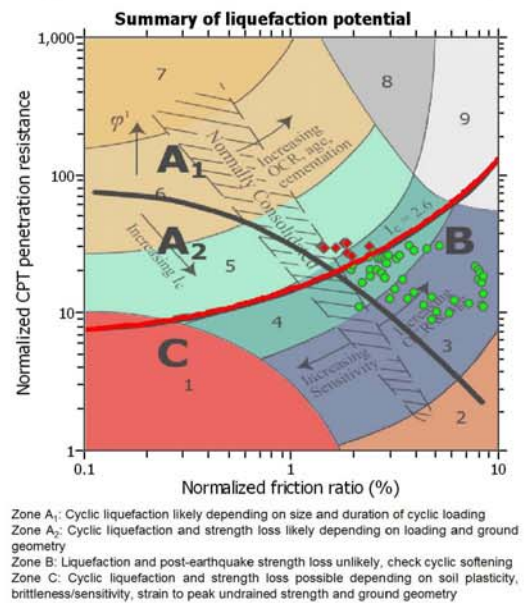
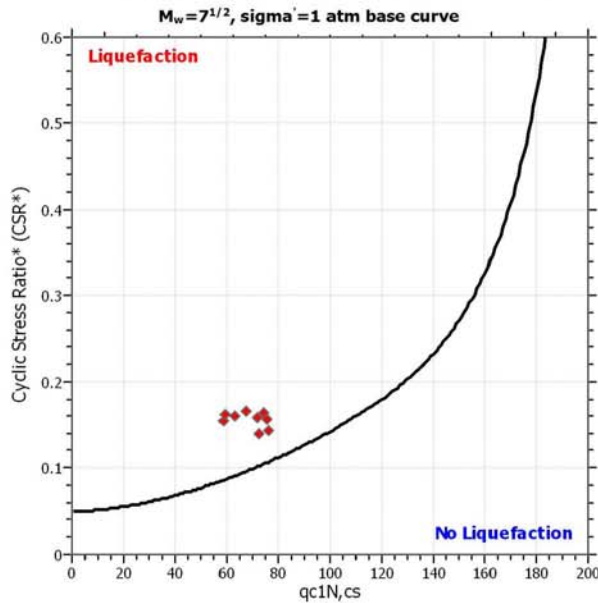
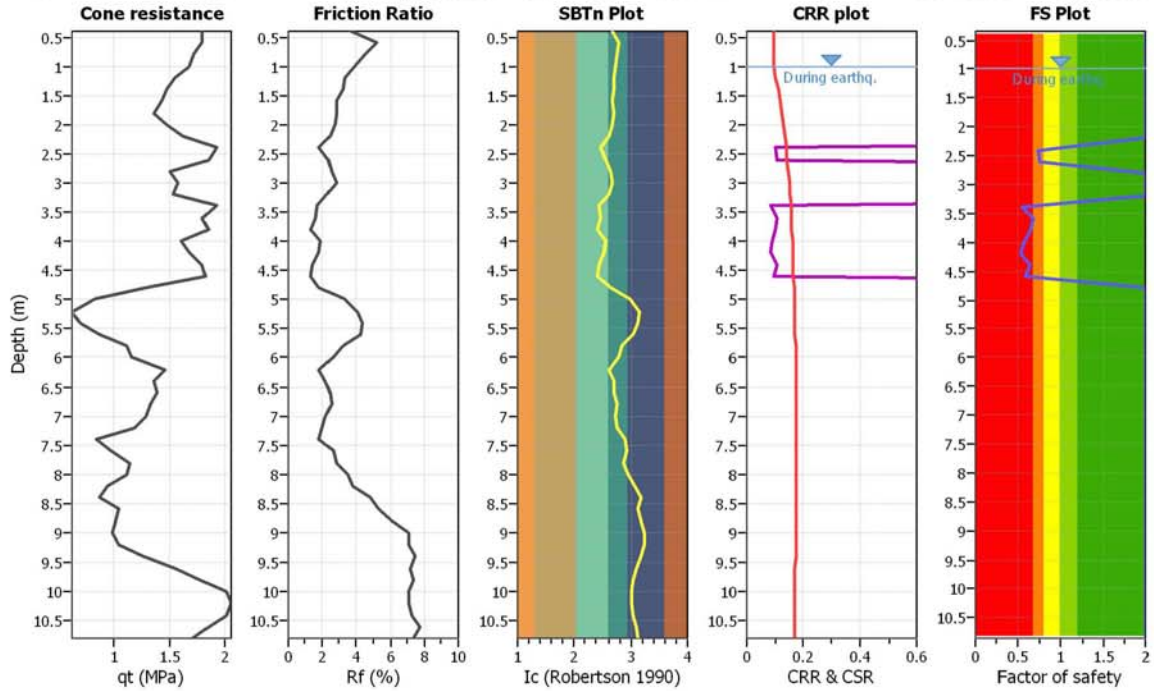
**Project title :**

**Location :**

**CPT file : 203010C214**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

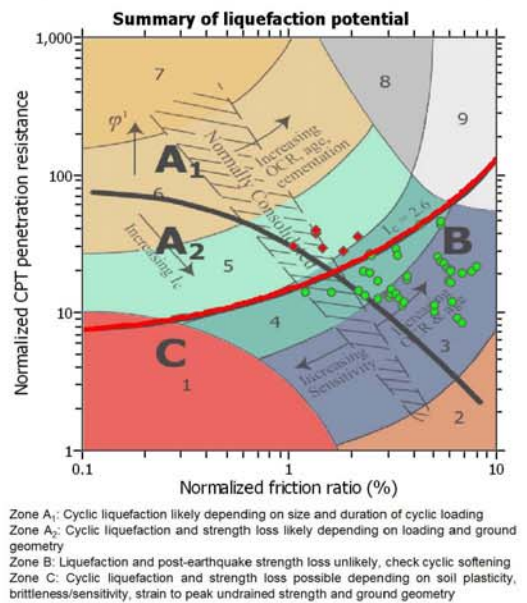
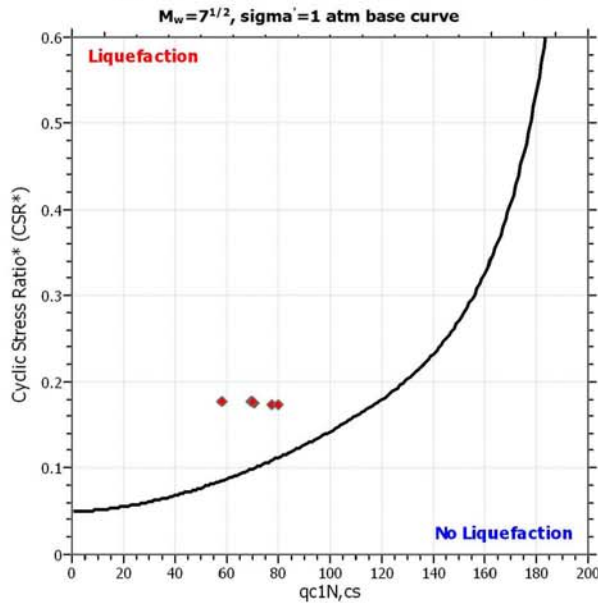
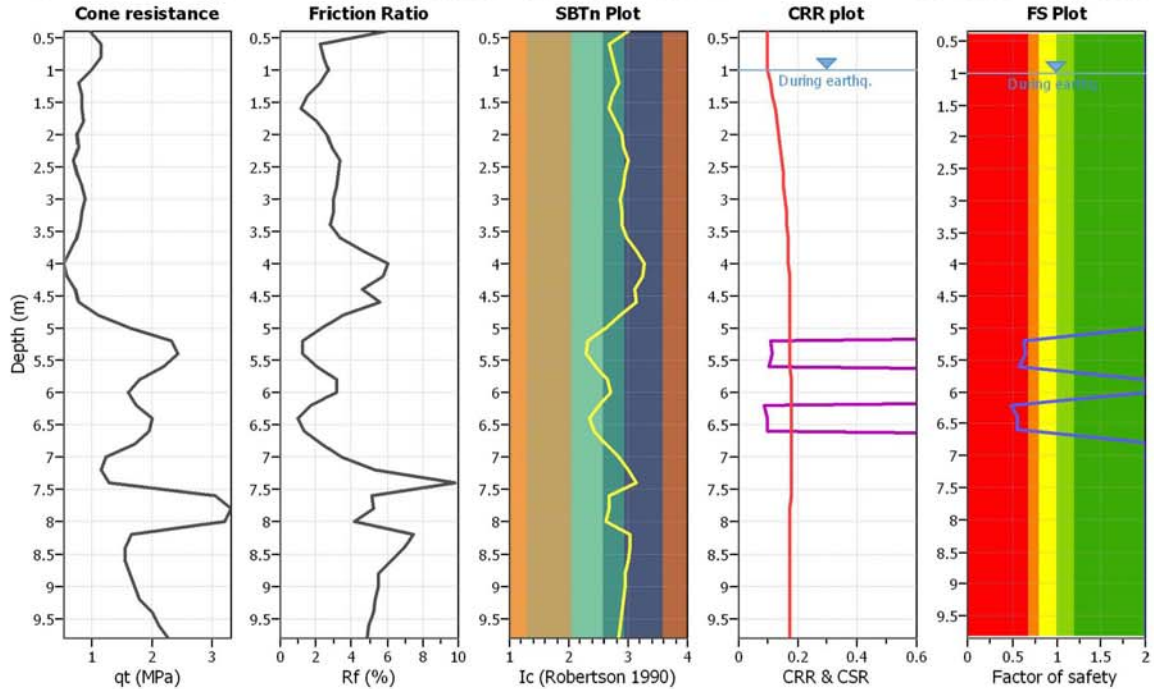
**Project title :**

**Location :**

**CPT file : 203010C215**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

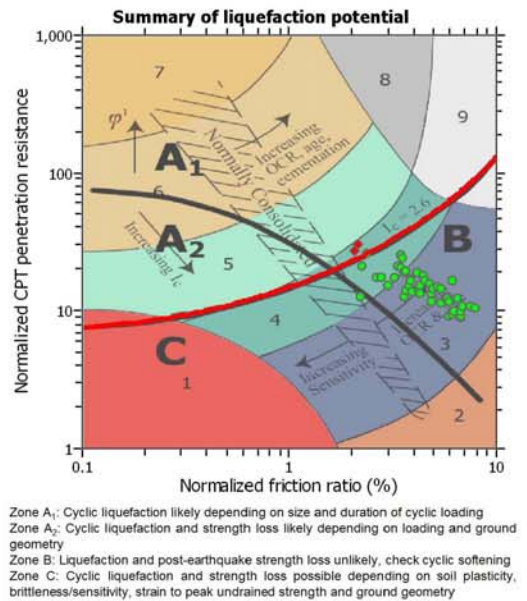
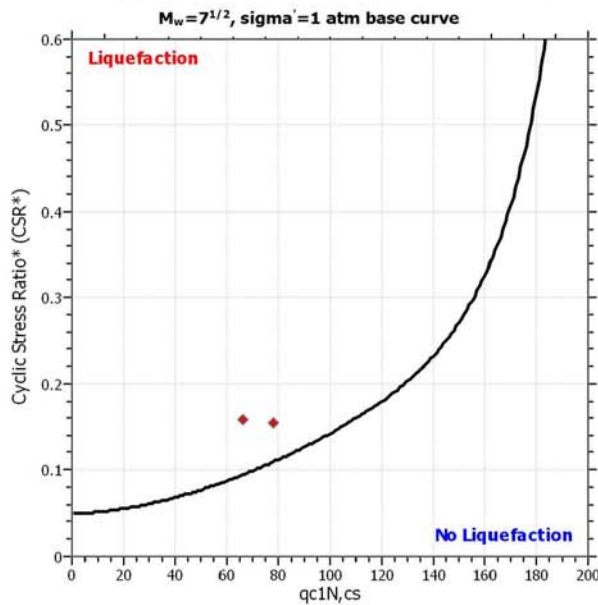
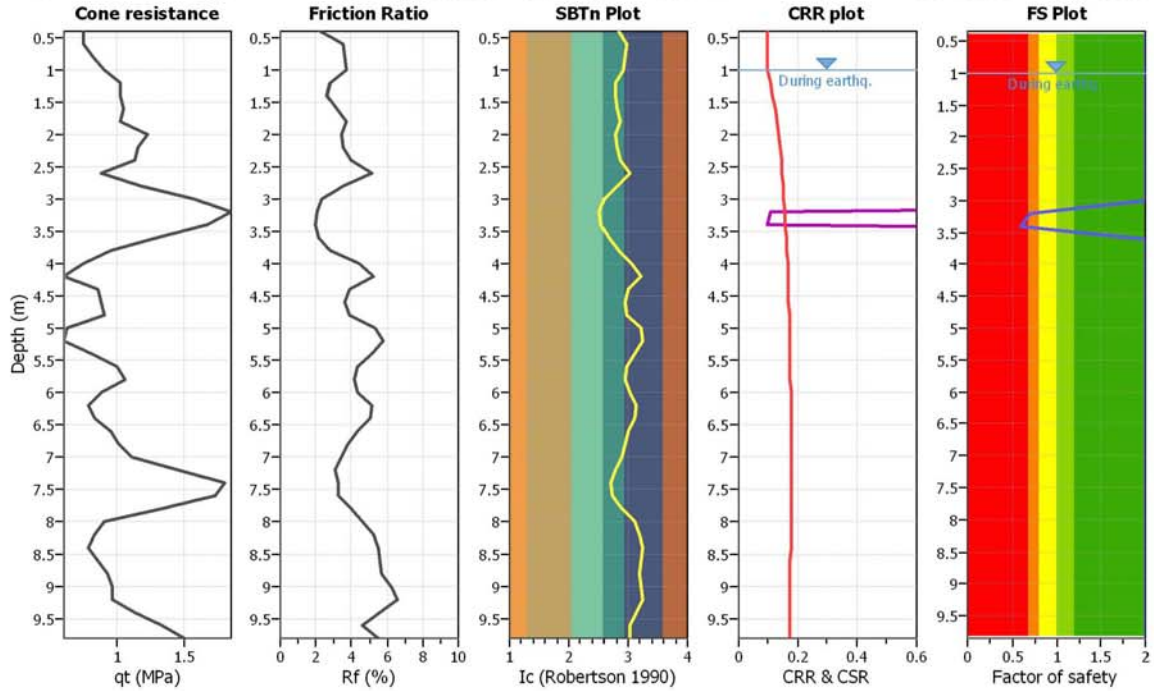
**Project title :**

**Location :**

**CPT file : 203010C216**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

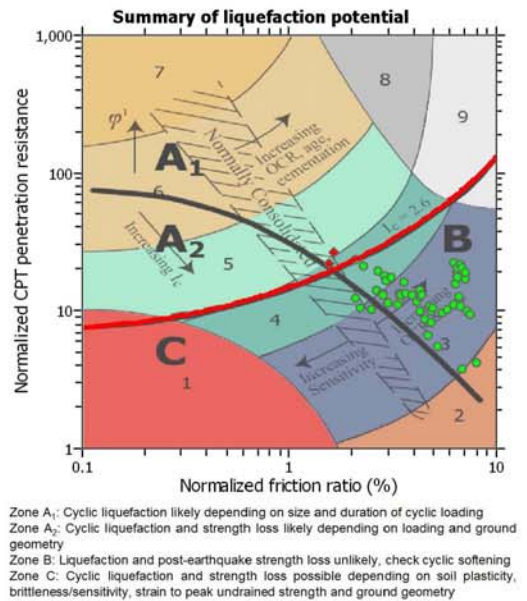
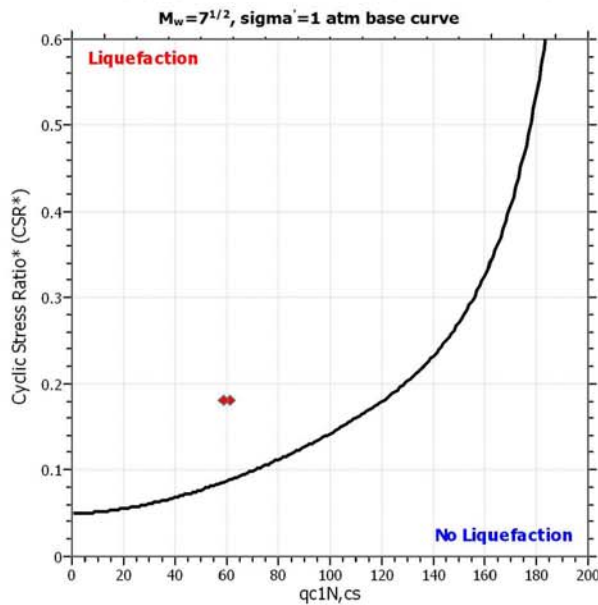
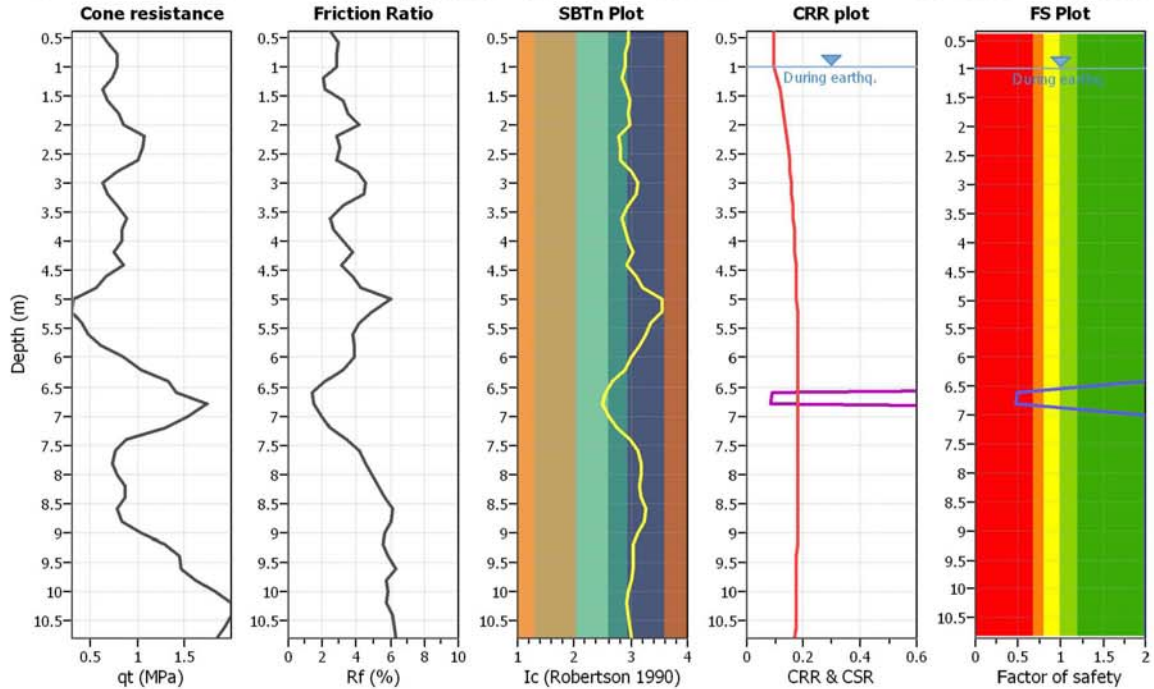
**Project title :**

**Location :**

**CPT file : 203010C217**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

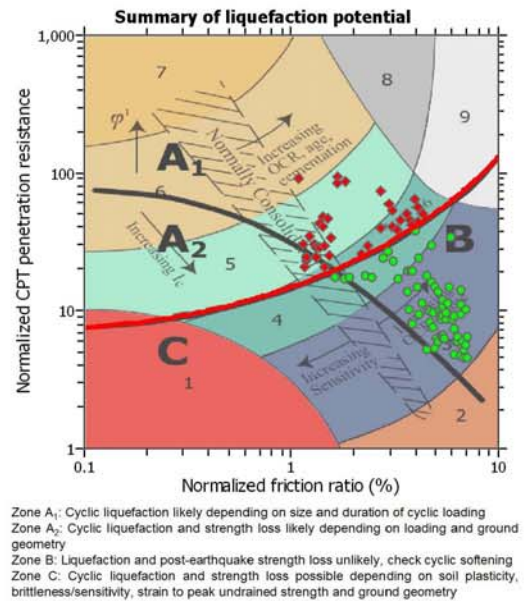
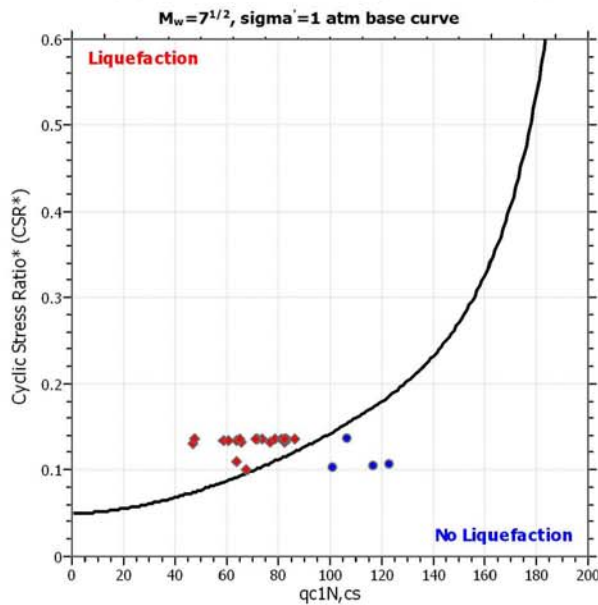
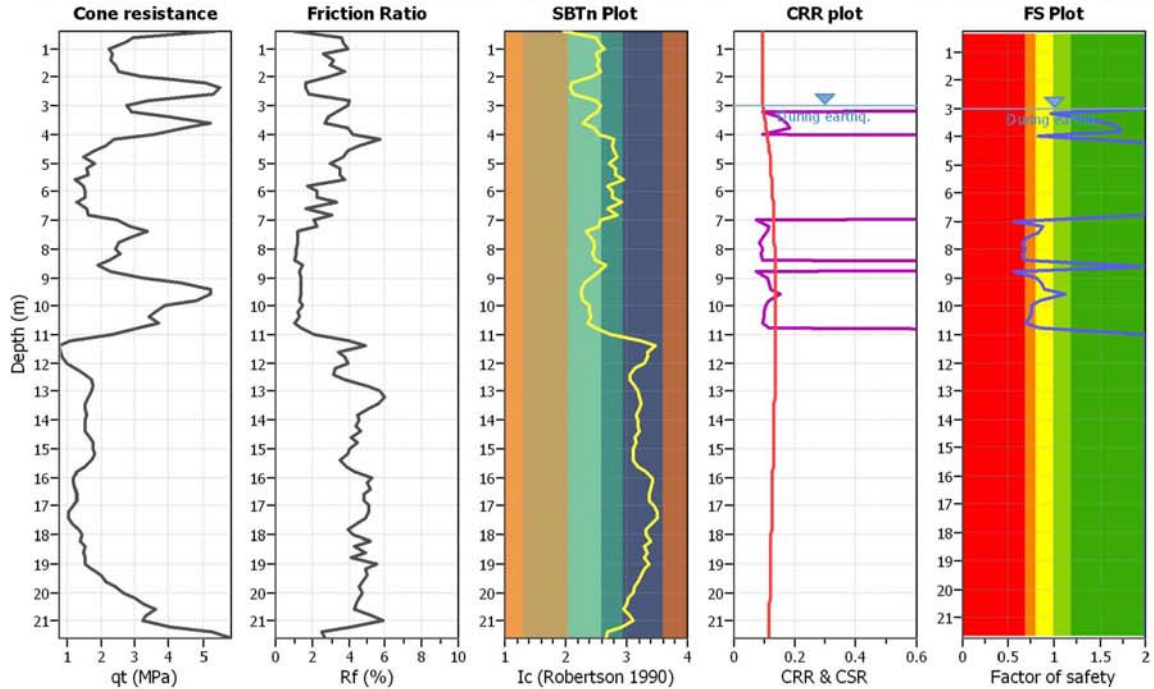
**Project title :**

**Location :**

**CPT file : 203010C222**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

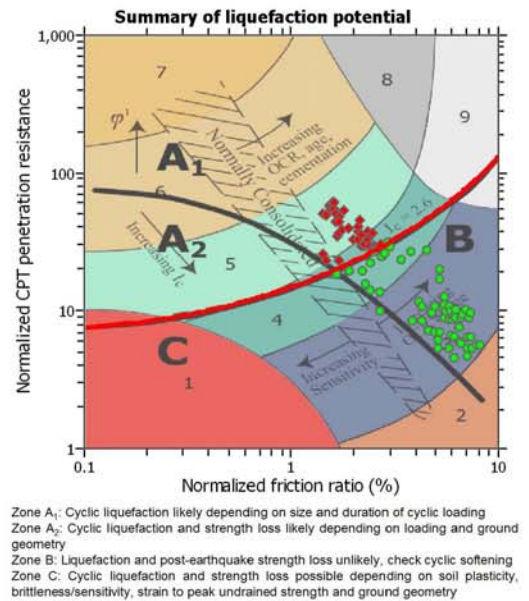
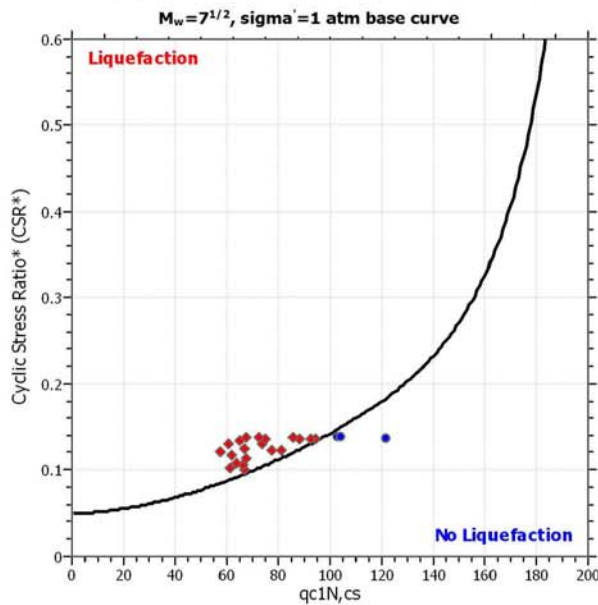
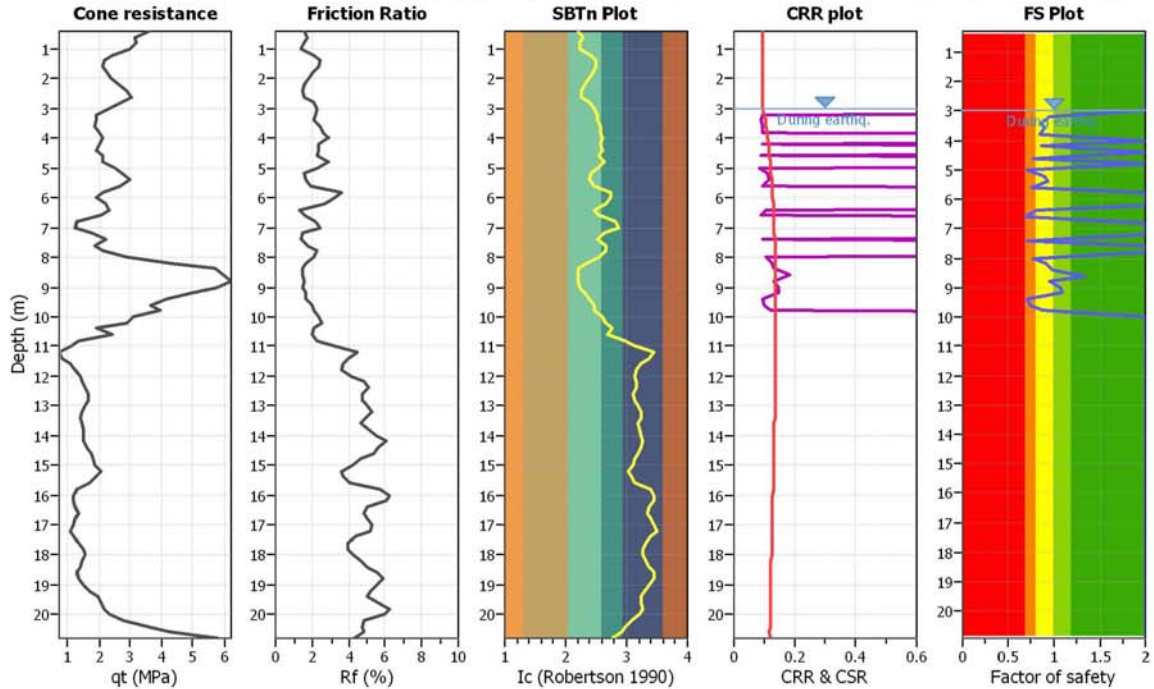
**Project title :**

**Location :**

**CPT file : 203010C223**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

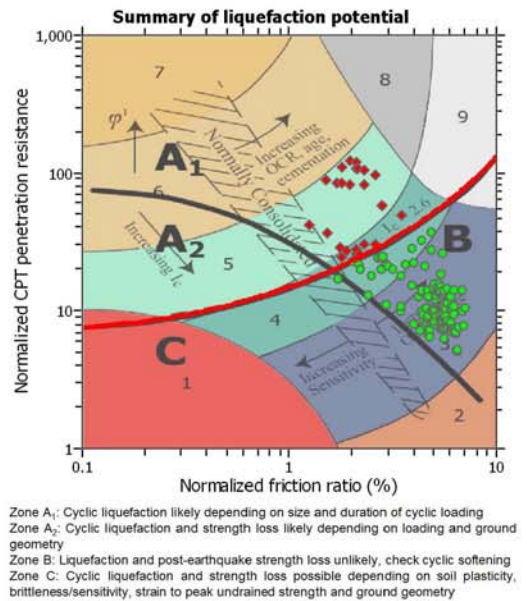
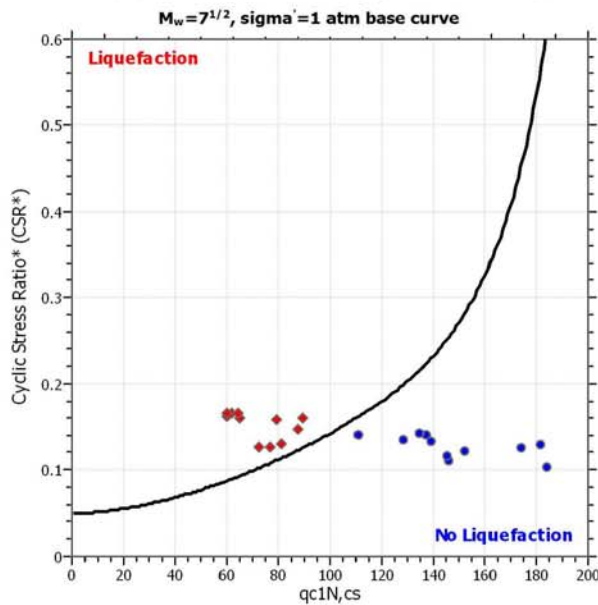
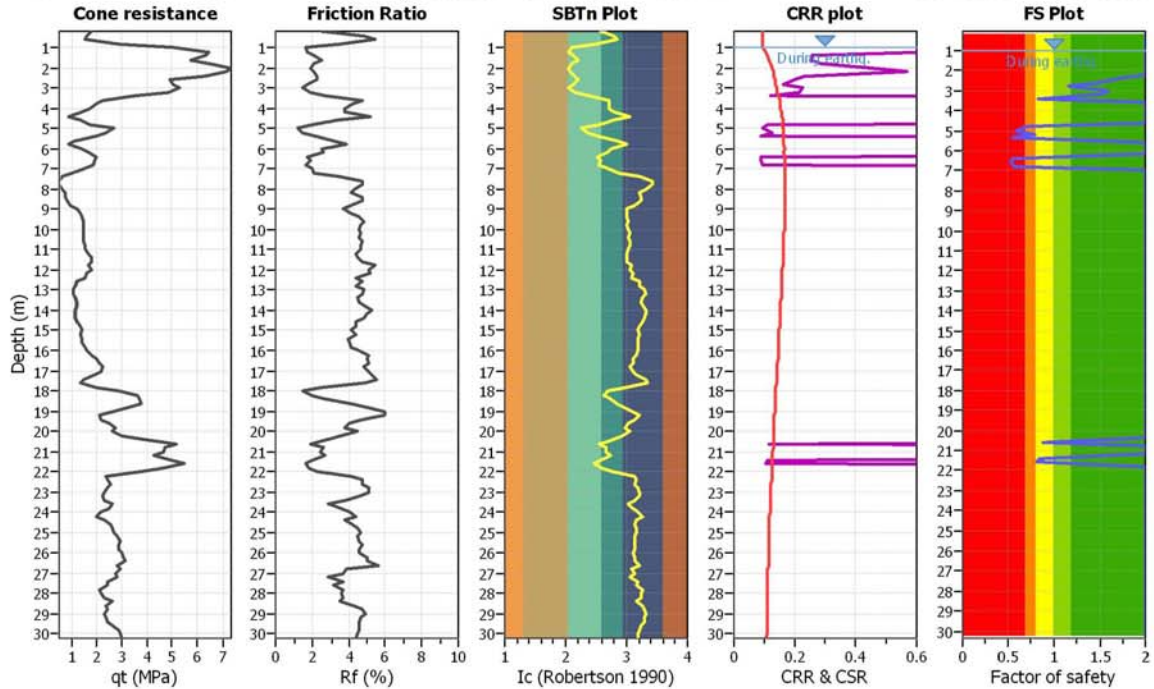
**Project title :**

**Location :**

**CPT file : 203010C224**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

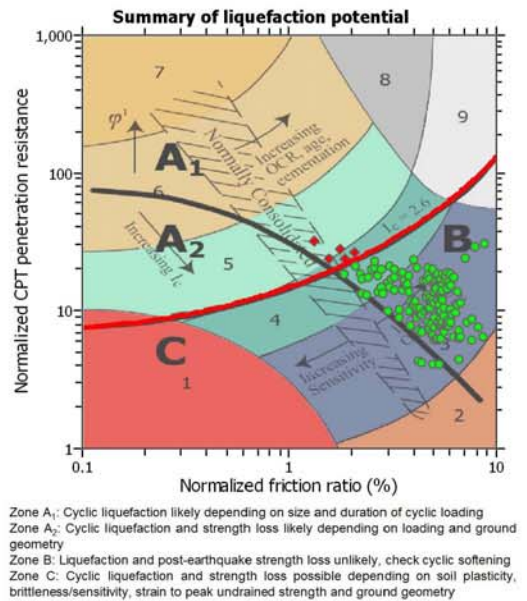
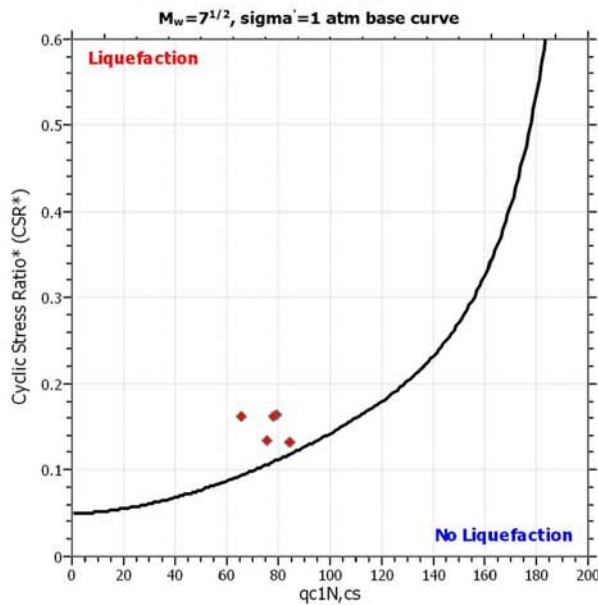
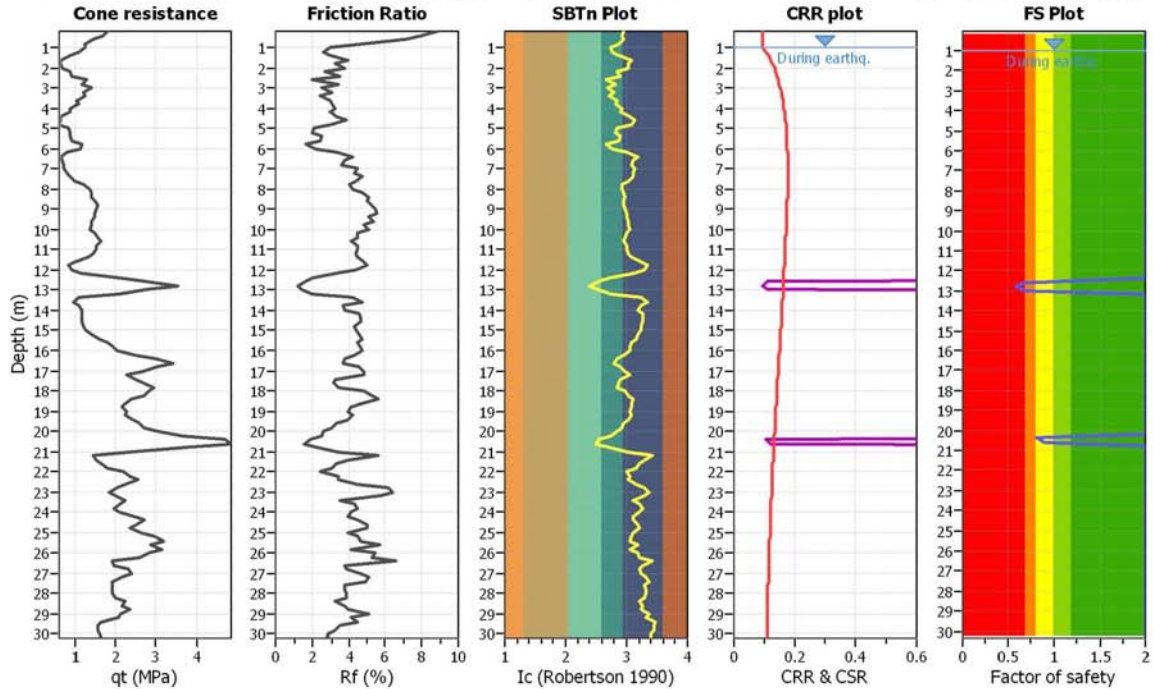
**Project title :**

**Location :**

**CPT file : 203010C225**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

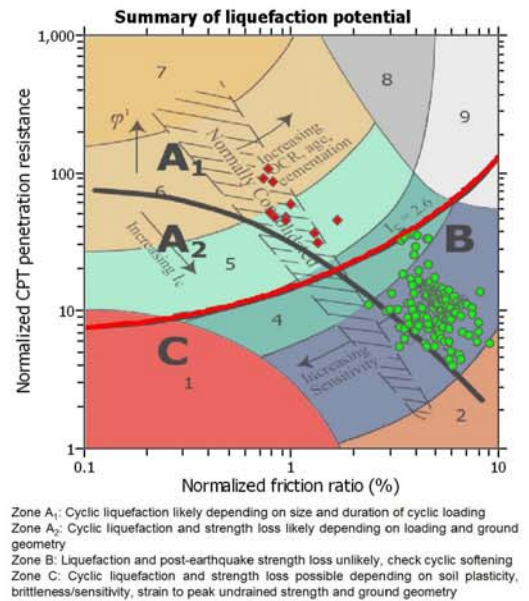
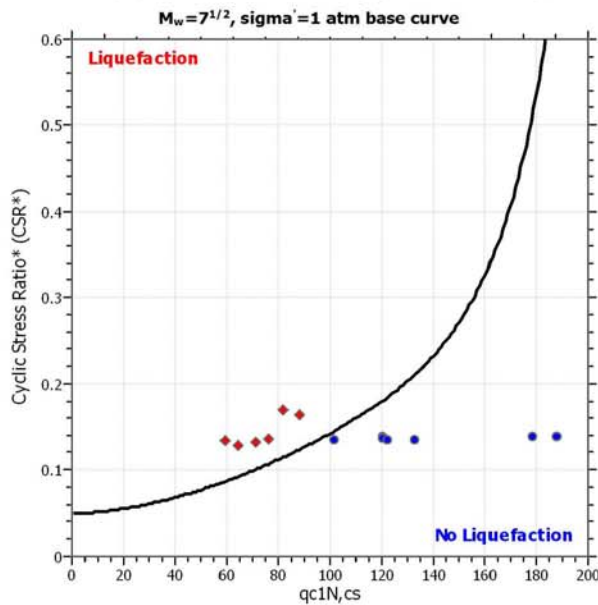
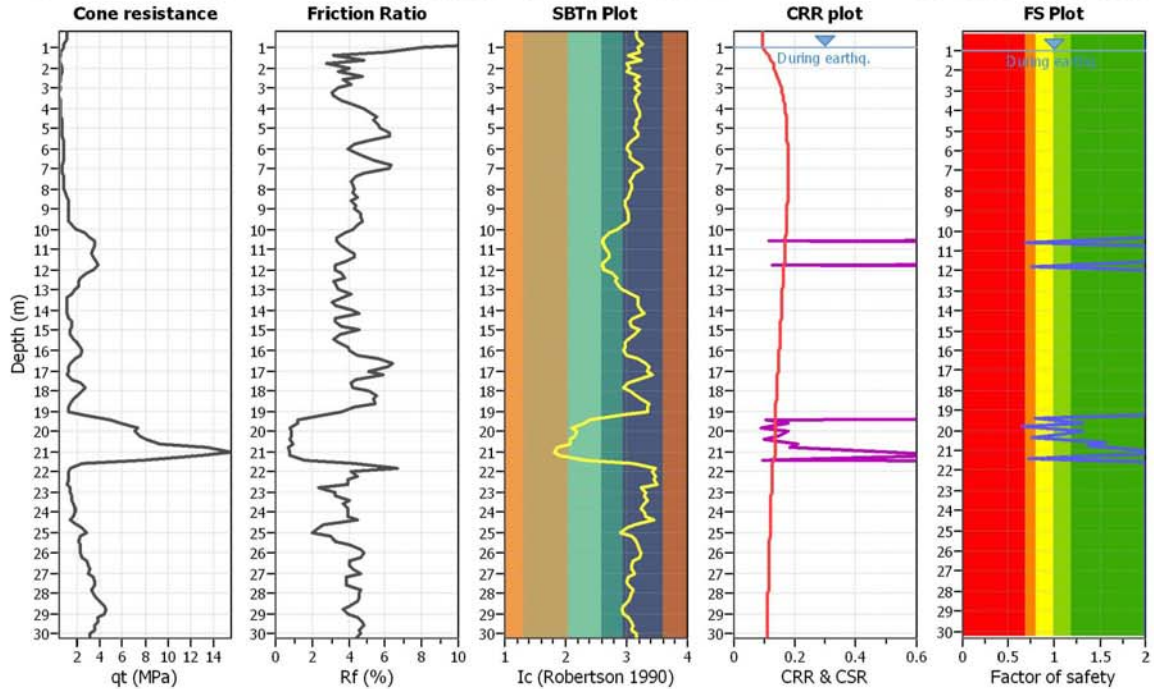
**Project title :**

**Location :**

**CPT file : 203010C226**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

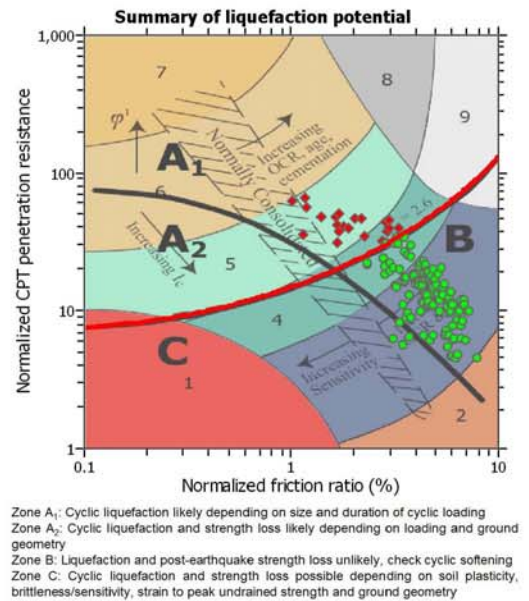
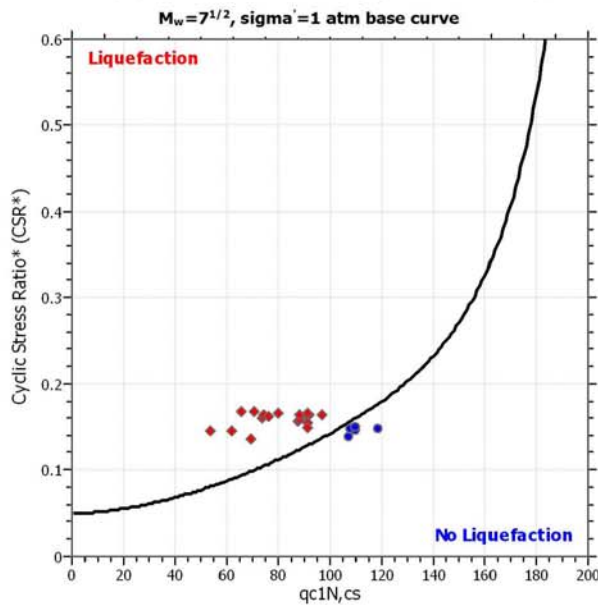
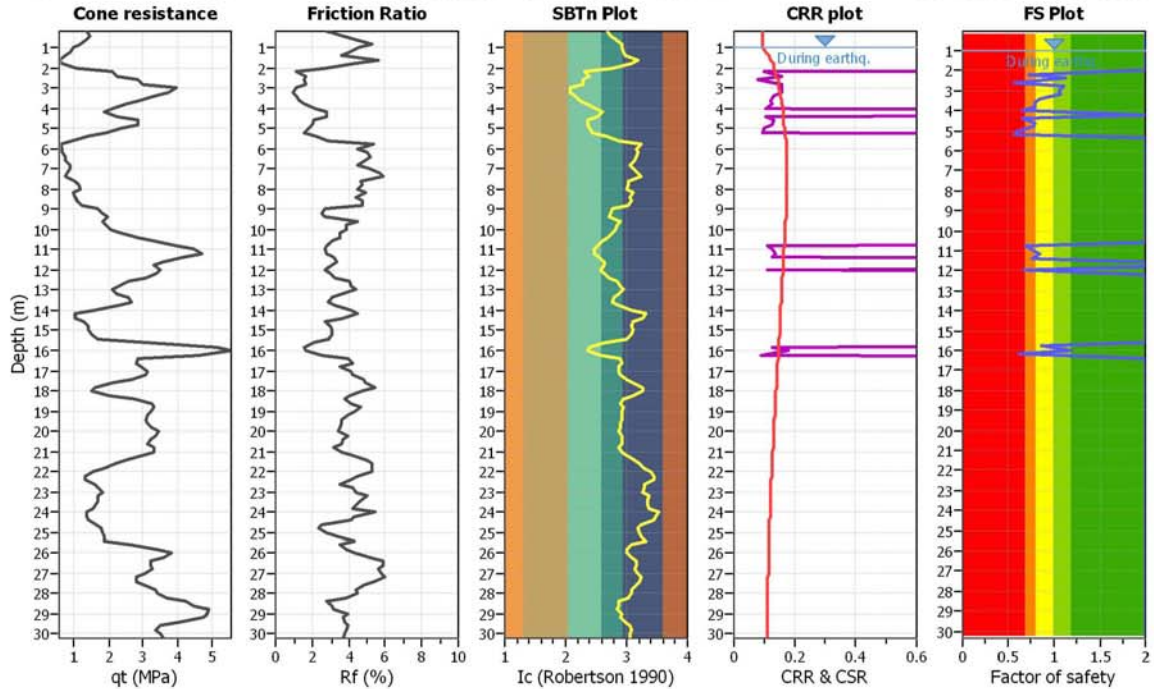
**Project title :**

**Location :**

**CPT file : 203010C227**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

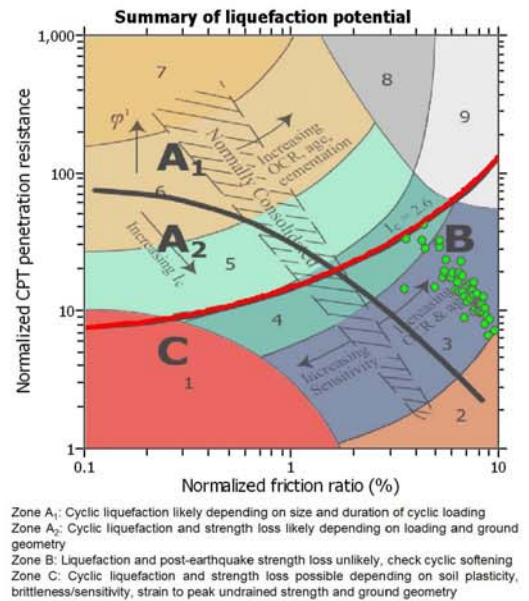
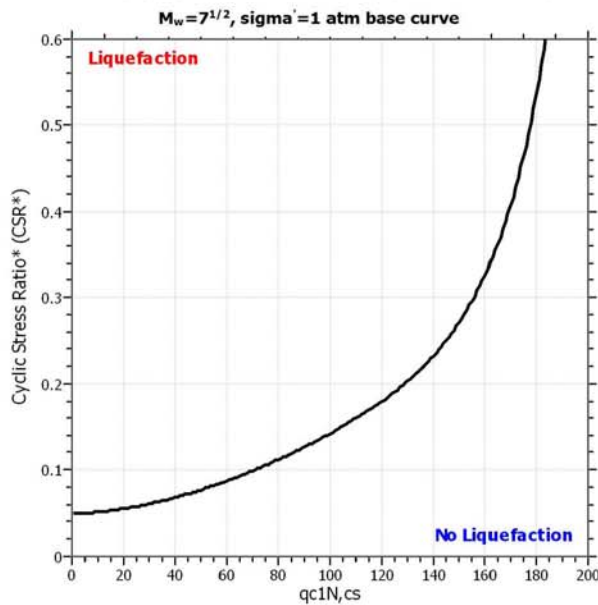
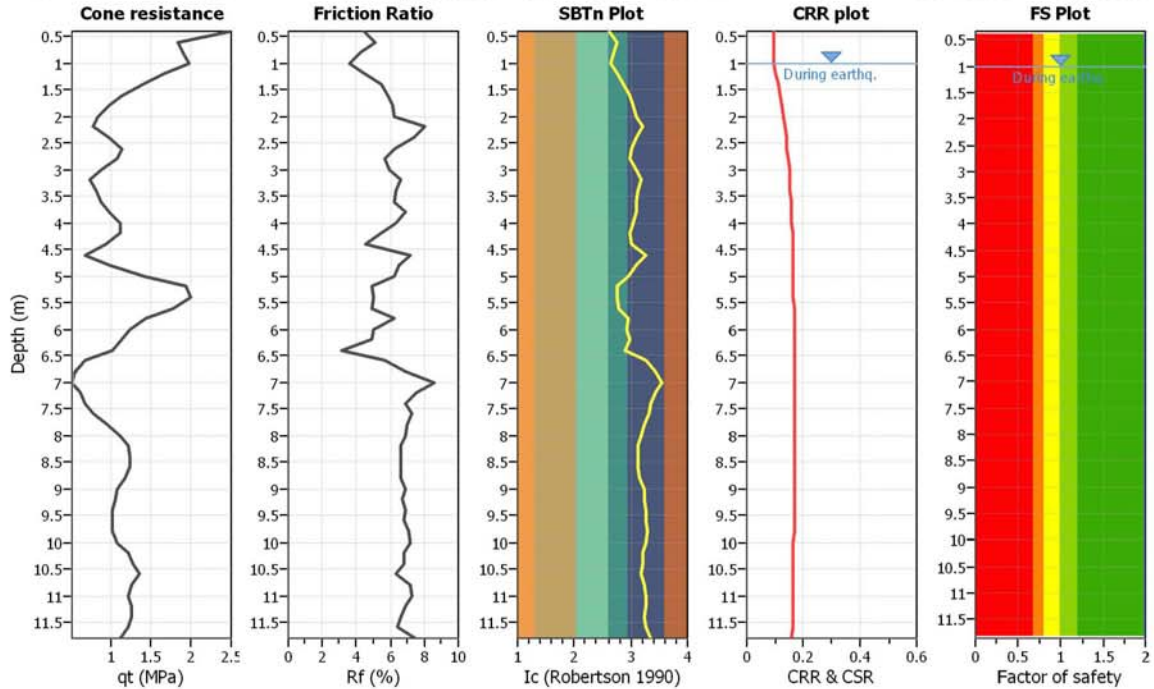
**Project title :**

**Location :**

**CPT file : 203010C228**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

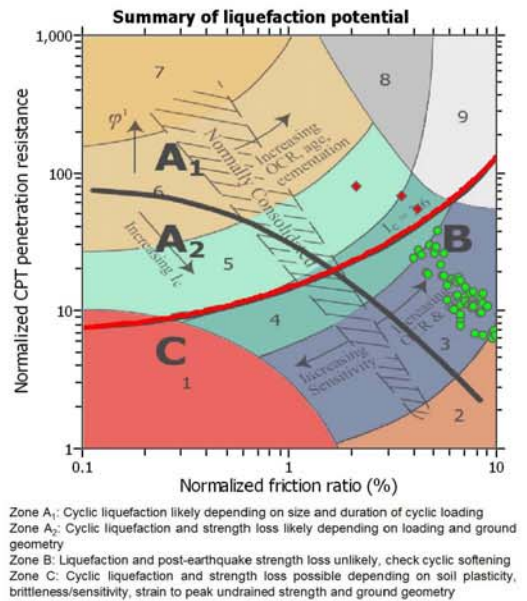
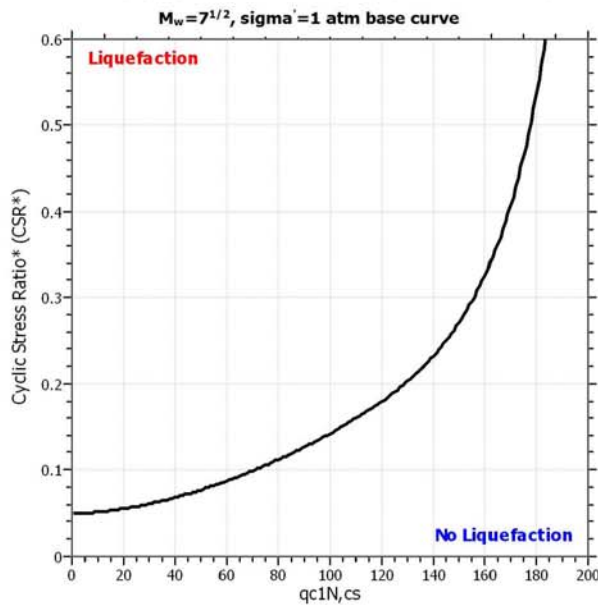
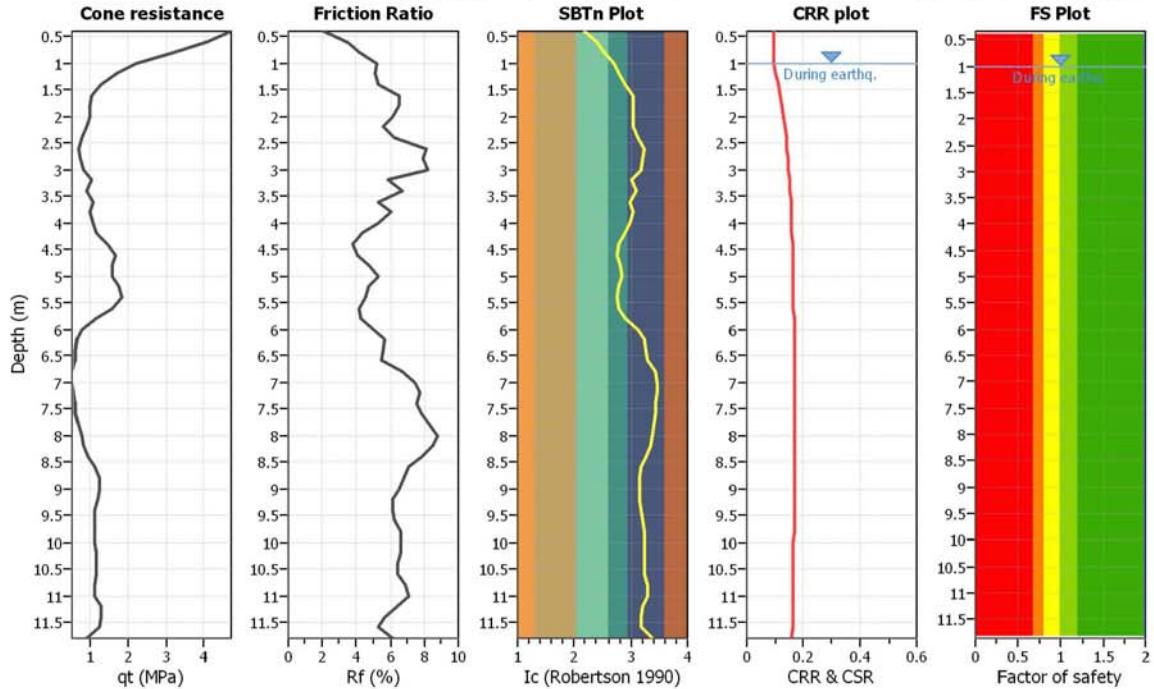
**Project title :**

**Location :**

**CPT file : 203010C229**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

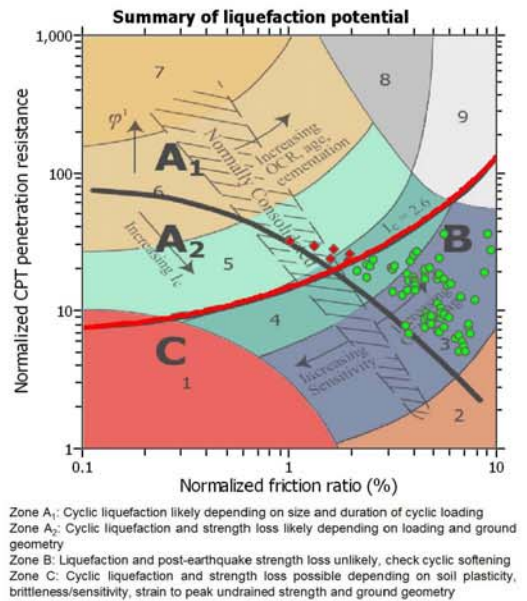
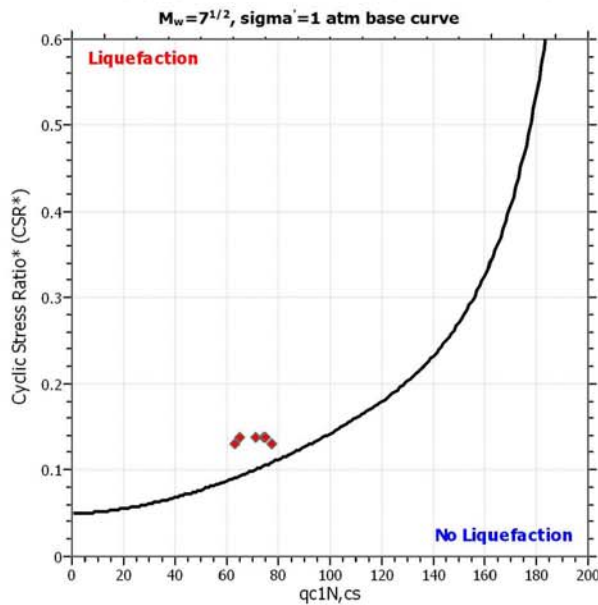
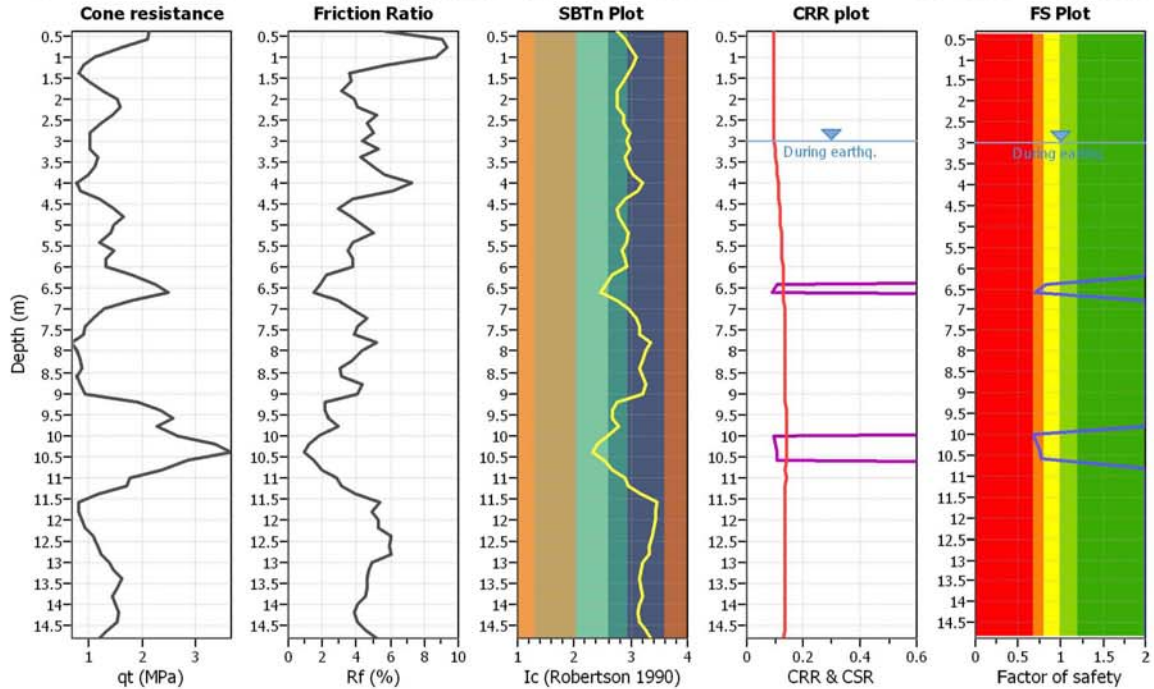
**Project title :**

**Location :**

**CPT file : 203010C230**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

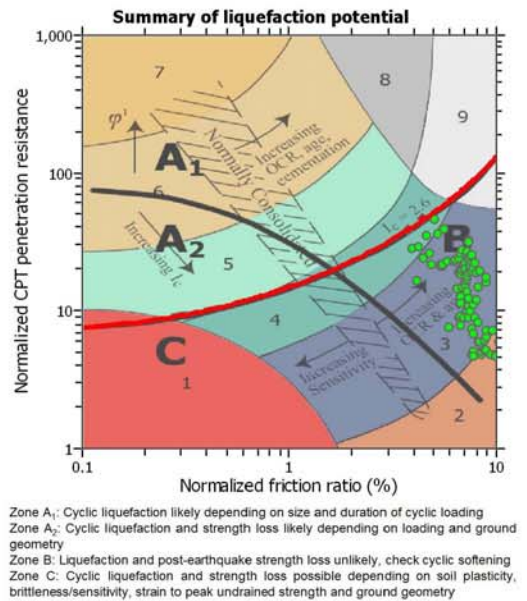
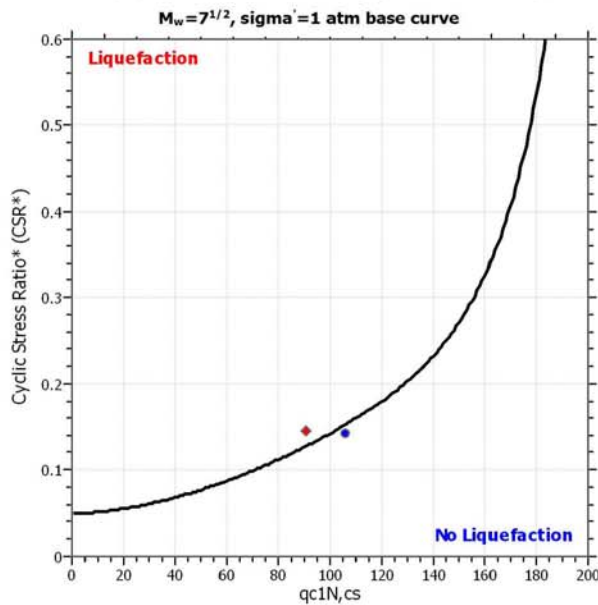
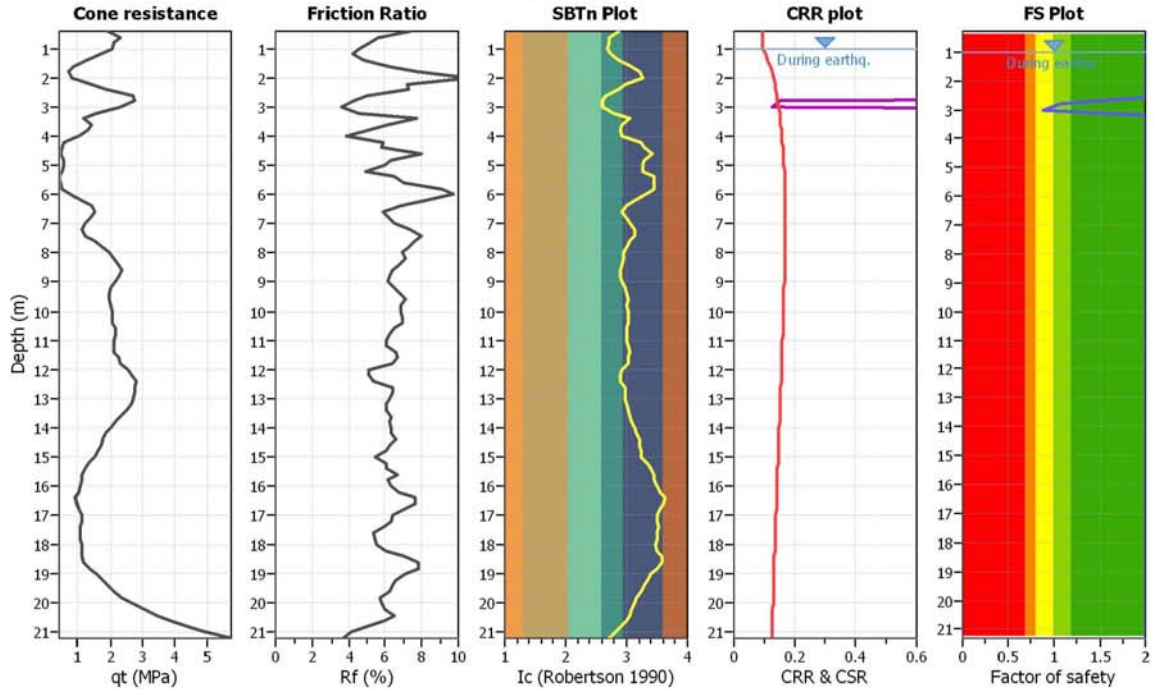
**Project title :**

**Location :**

**CPT file : 203010C231**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

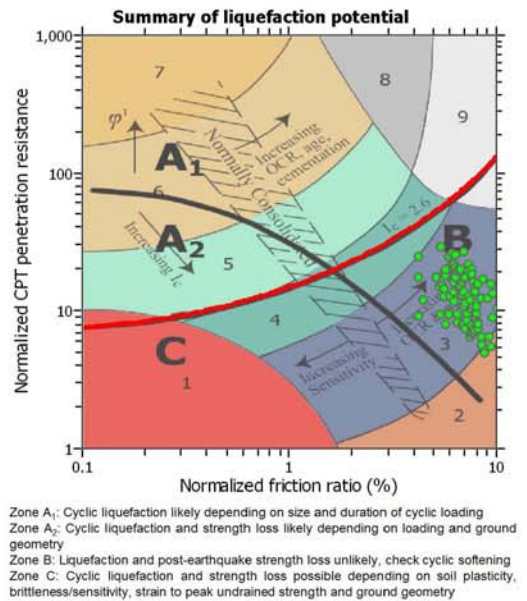
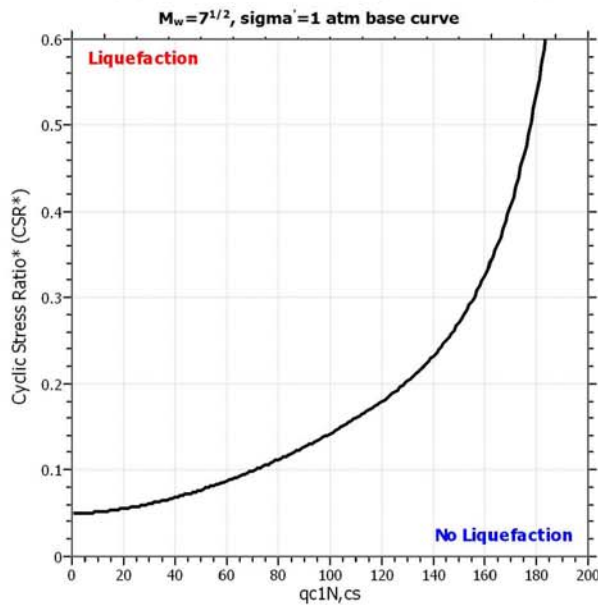
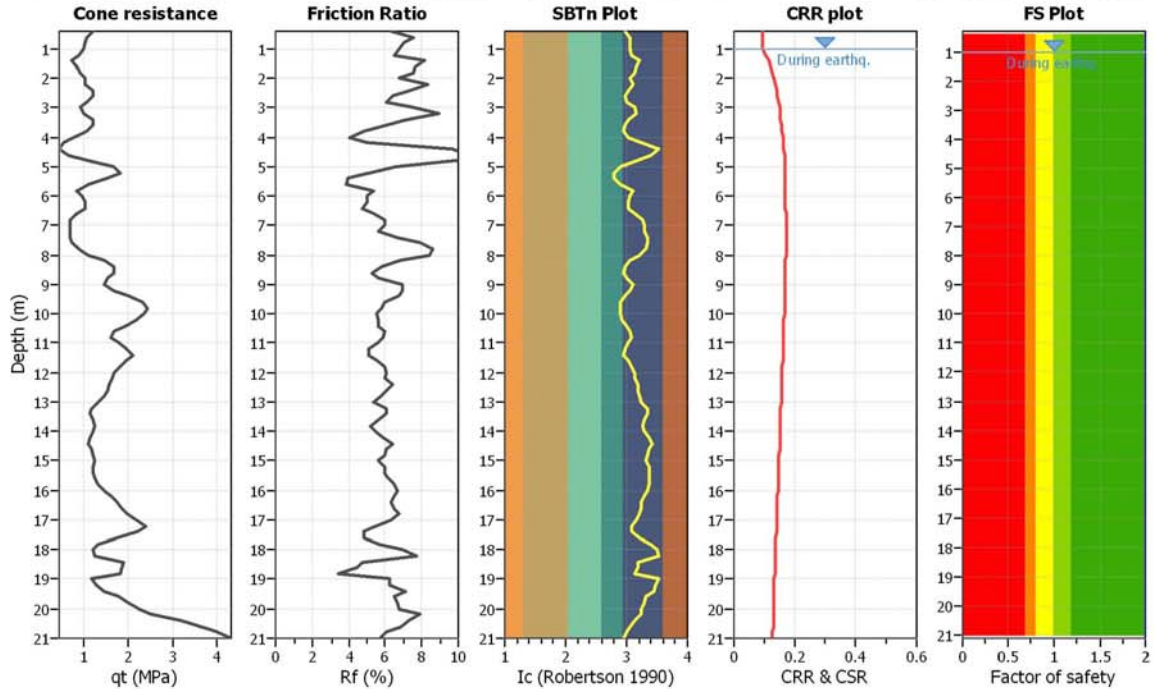
**Project title :**

**Location :**

**CPT file : 203010C232**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

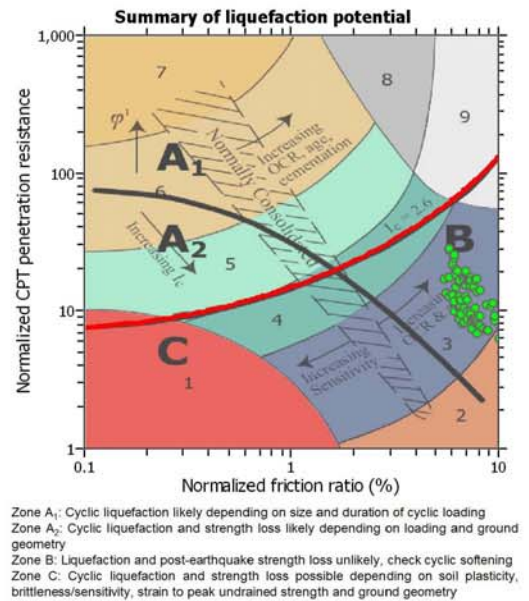
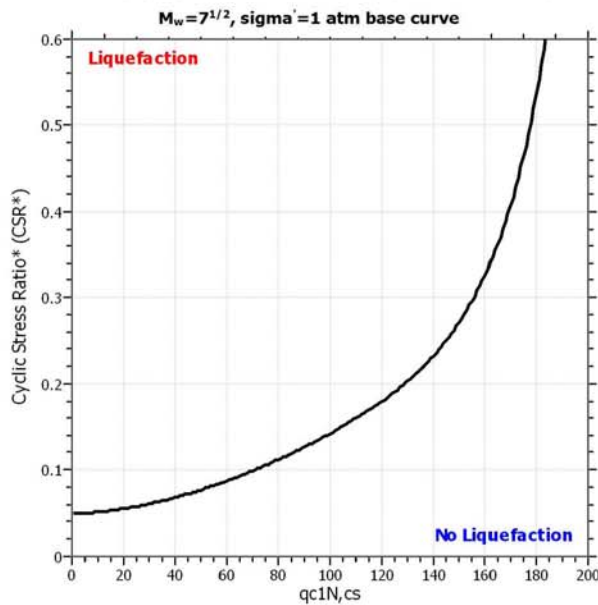
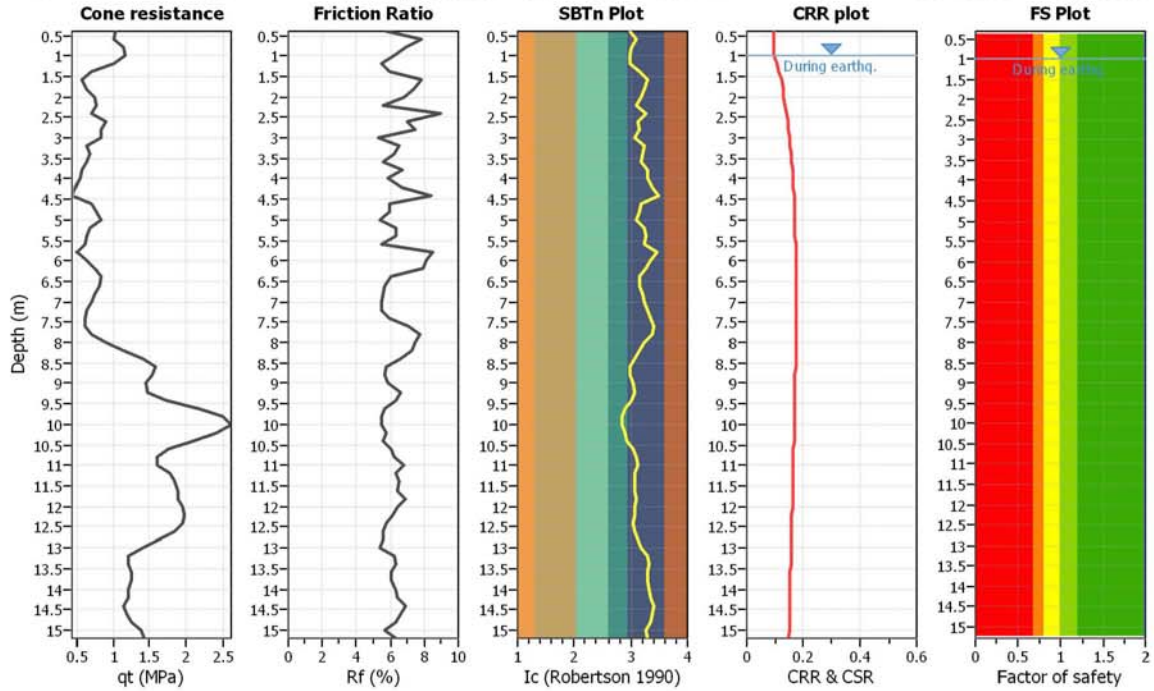
**Project title :**

**Location :**

**CPT file : 203010C233**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

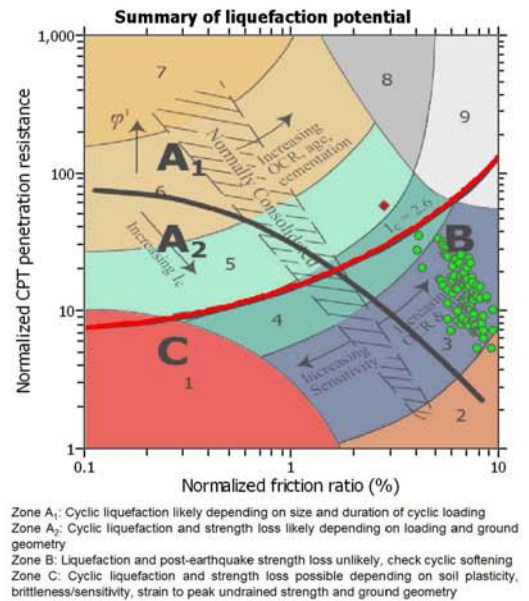
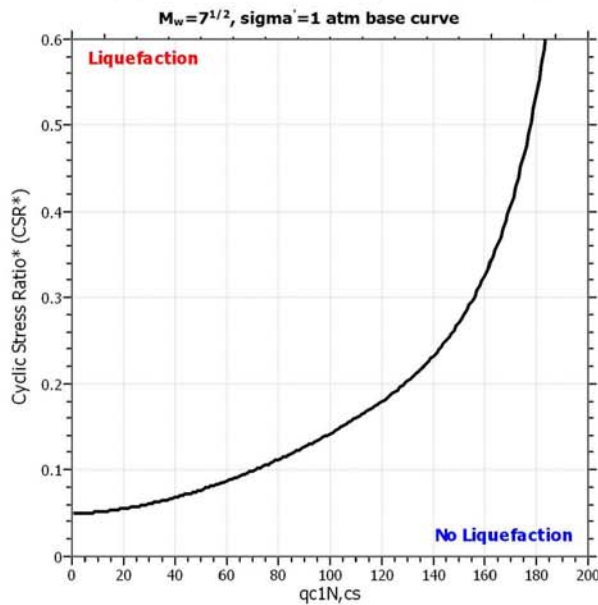
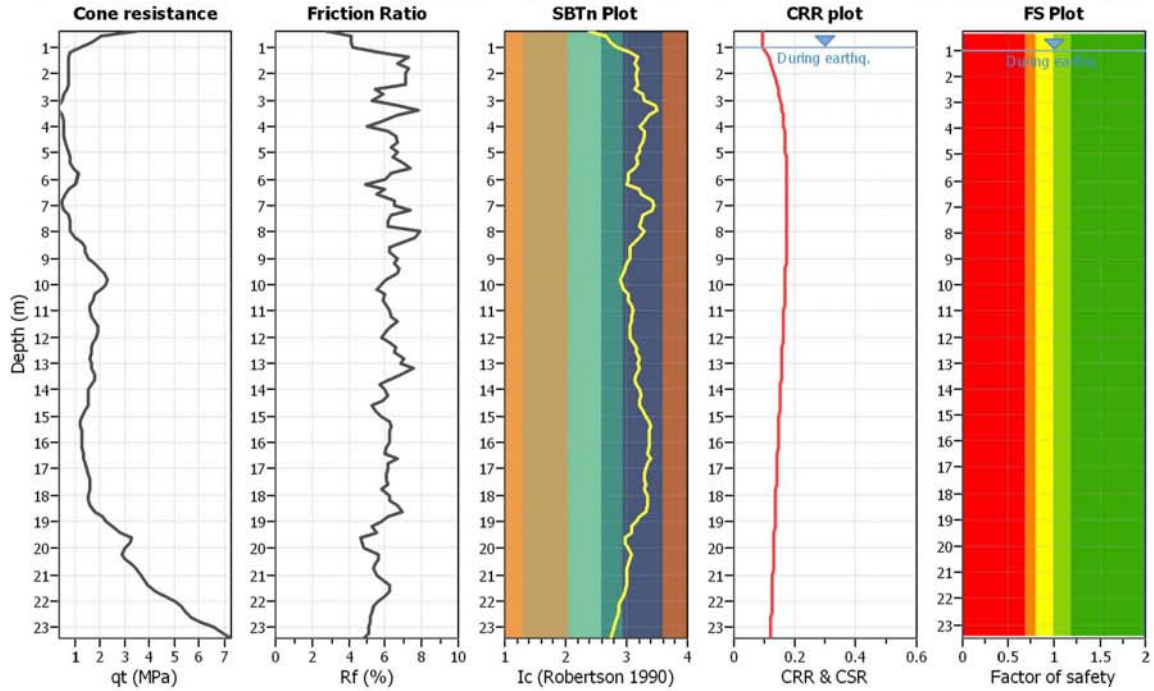
**Project title :**

**Location :**

**CPT file : 203010C234**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

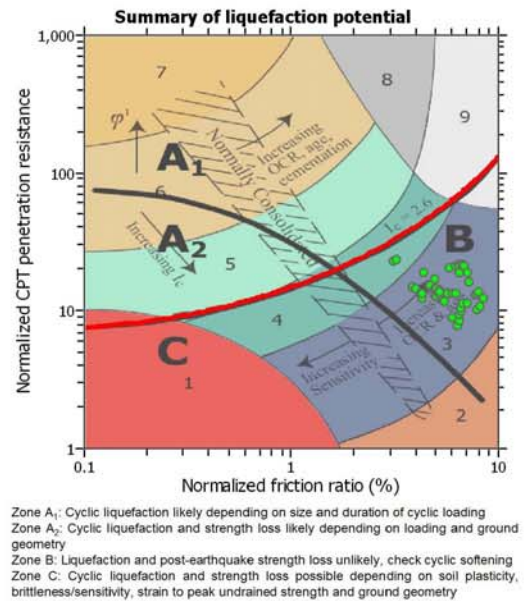
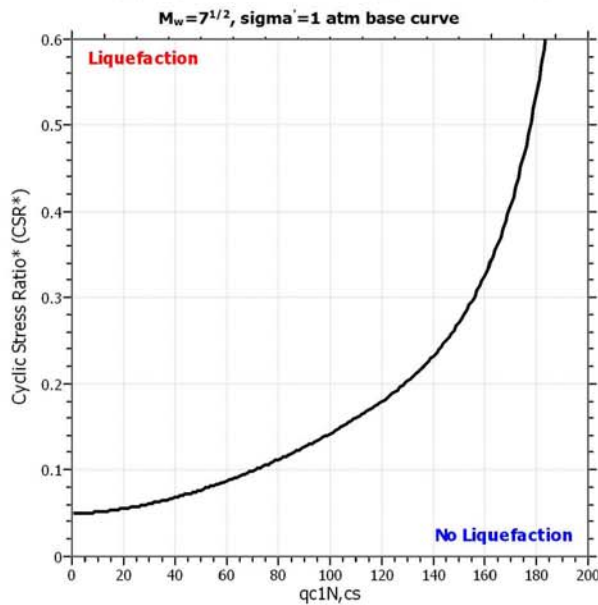
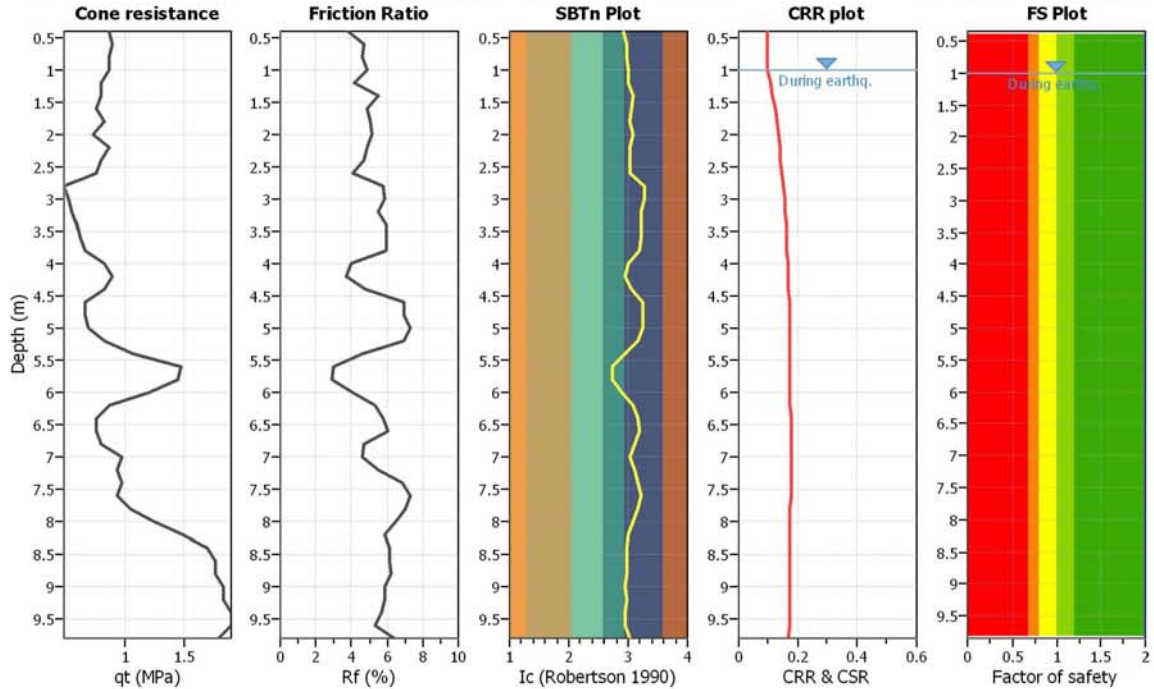
**Project title :**

**Location :**

**CPT file : 203010C235**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

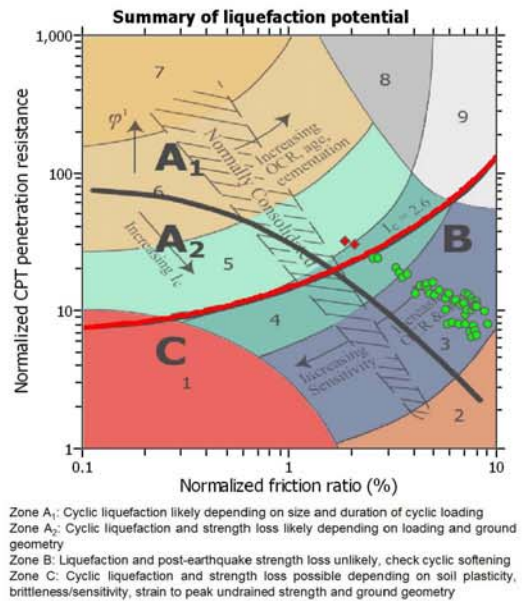
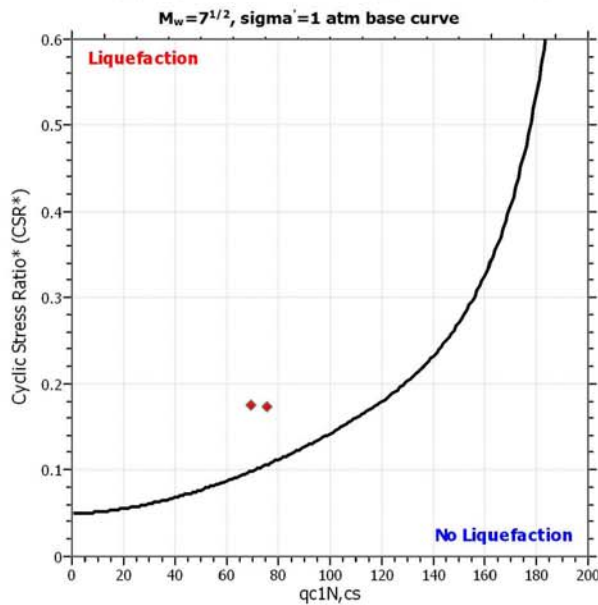
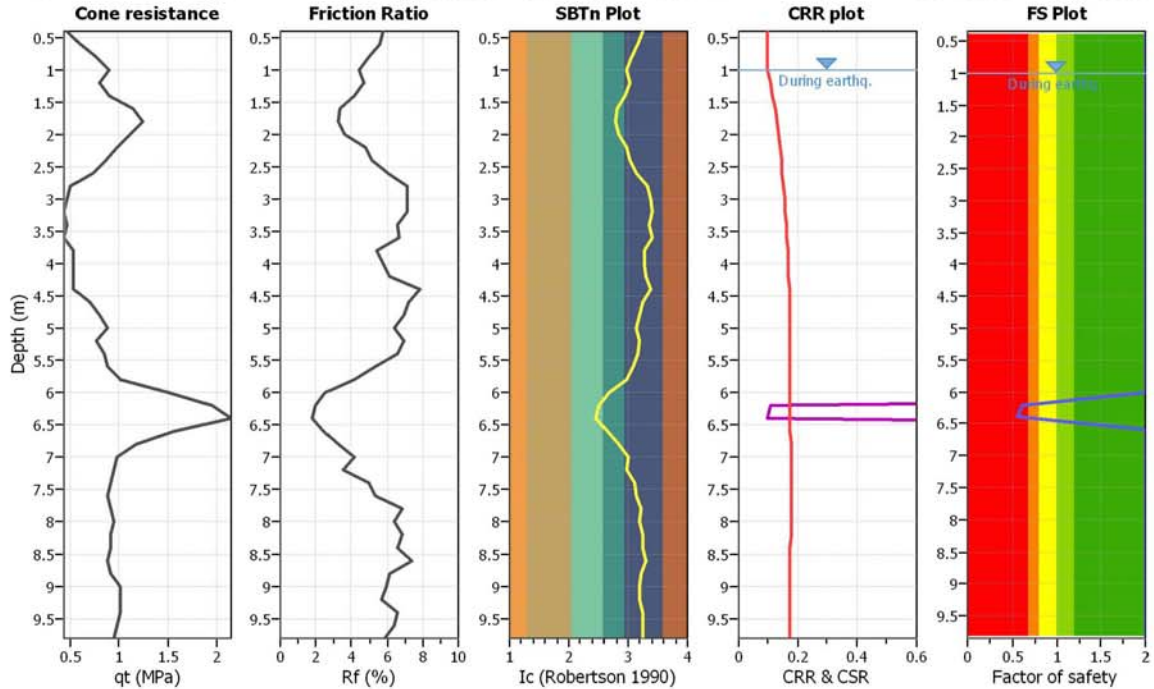
**Project title :**

**Location :**

**CPT file : 203010C236**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

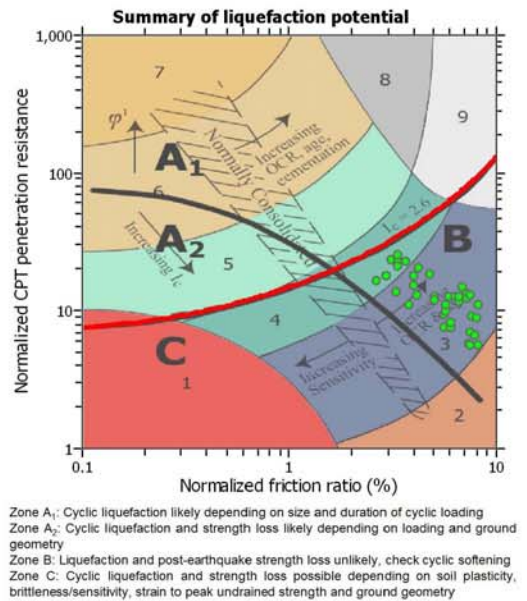
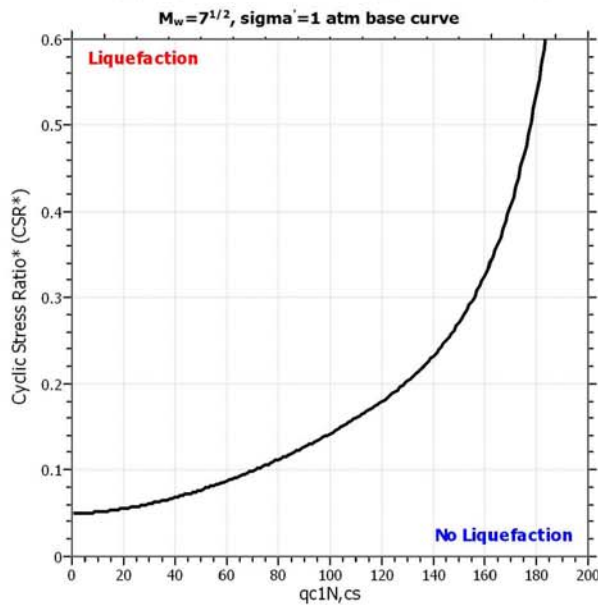
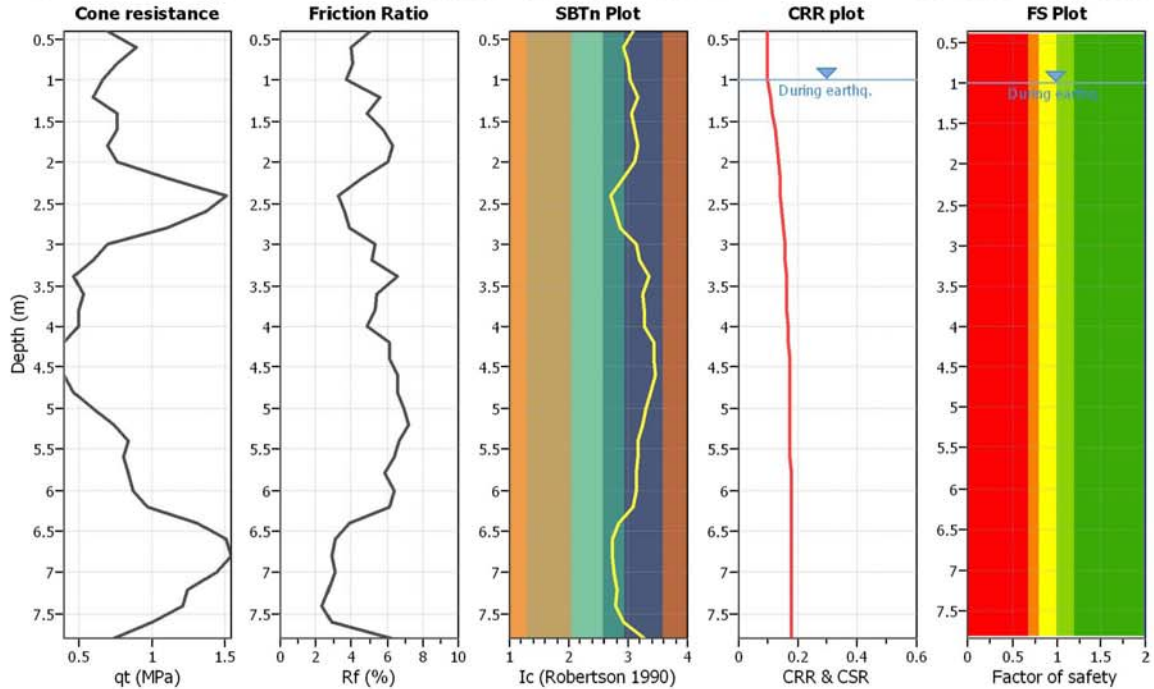
**Project title :**

**Location :**

**CPT file : 203010C237**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

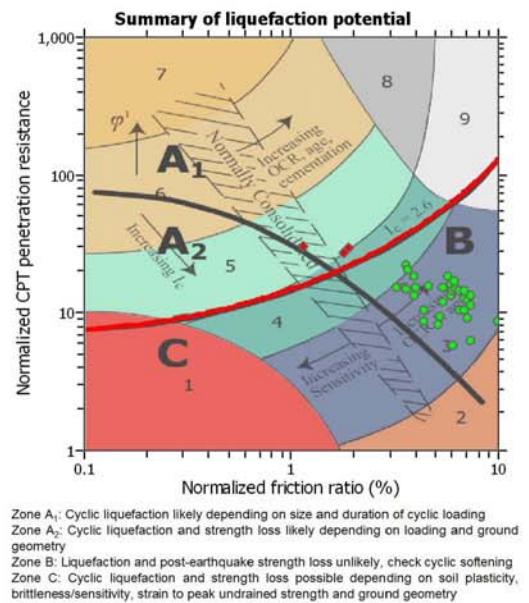
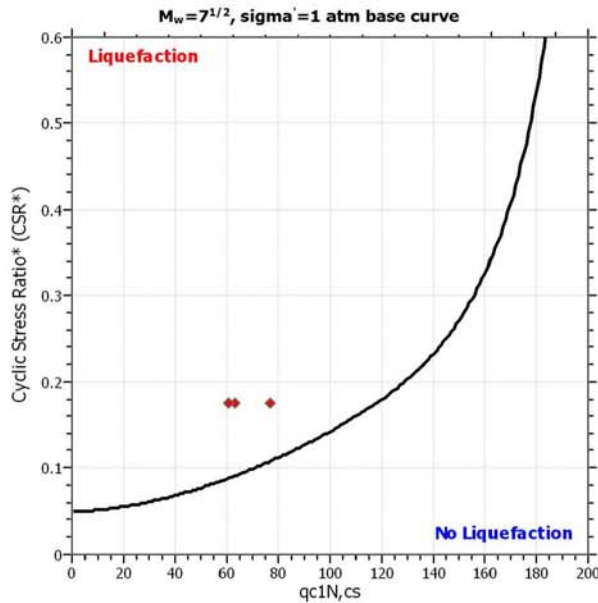
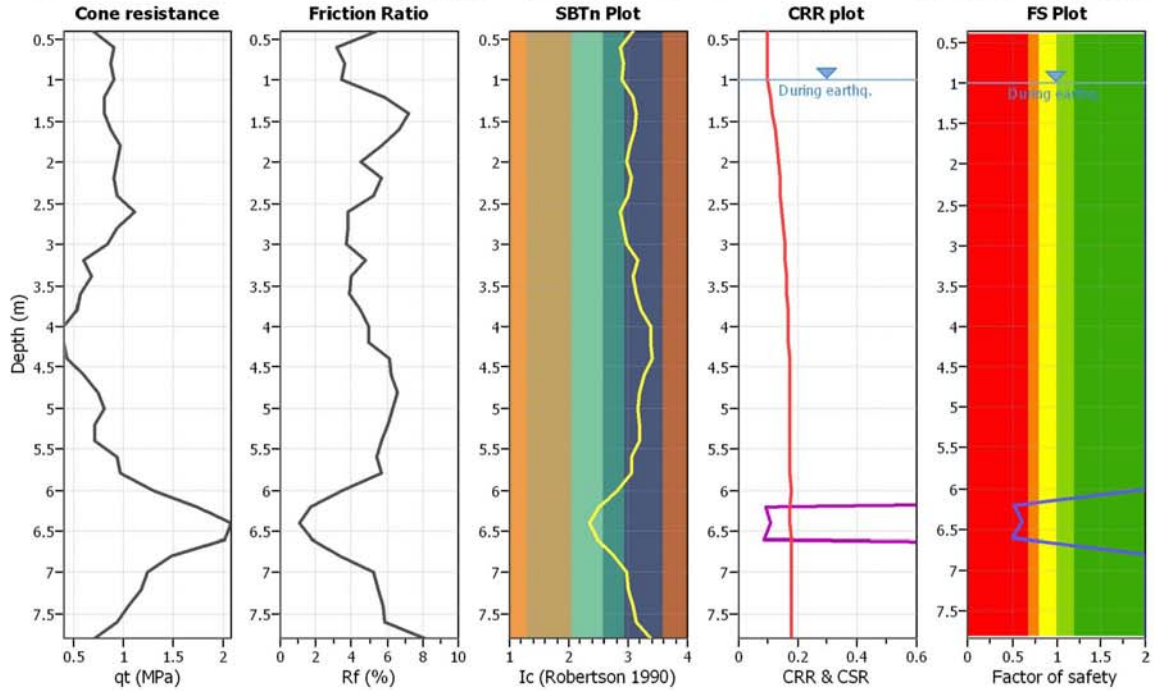
**Project title :**

**Location :**

**CPT file : 203010C238**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

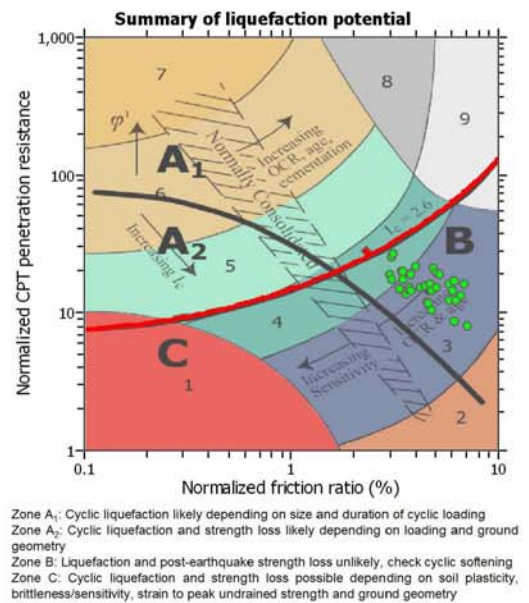
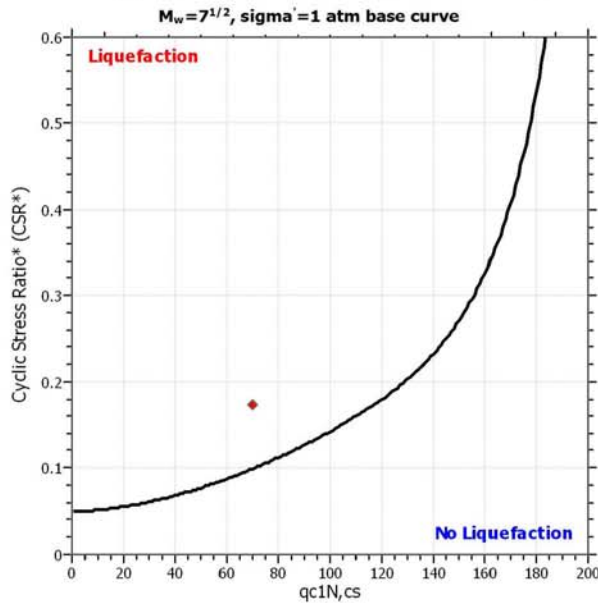
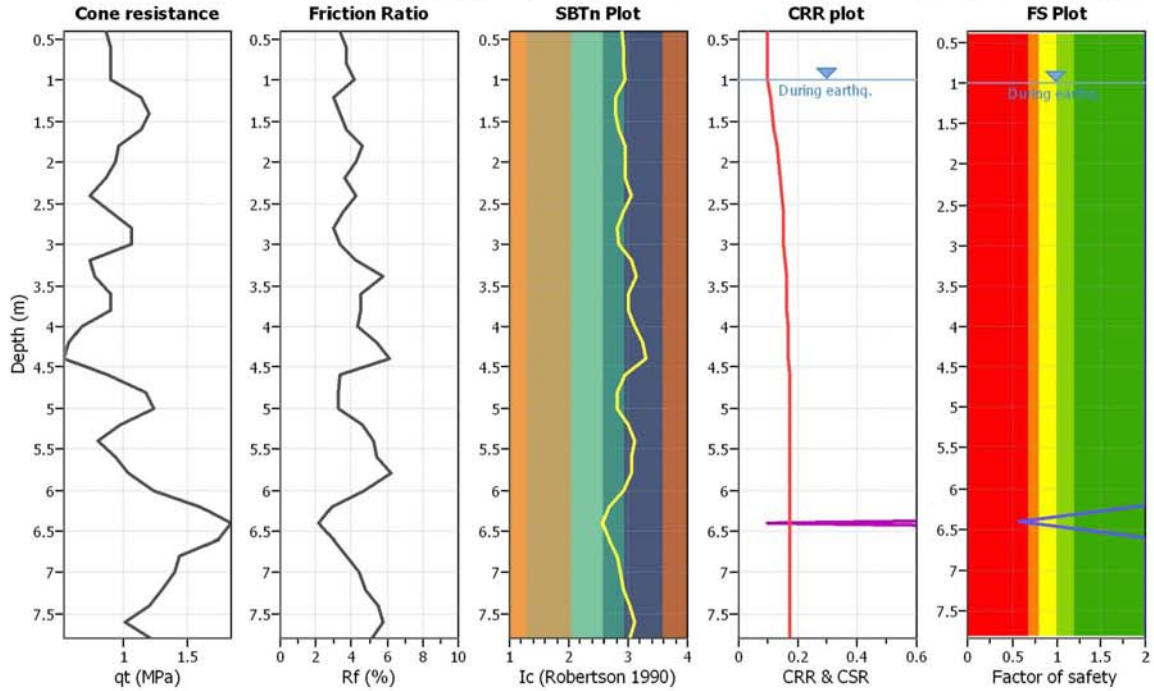
**Project title :**

**Location :**

**CPT file : 203010C239**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

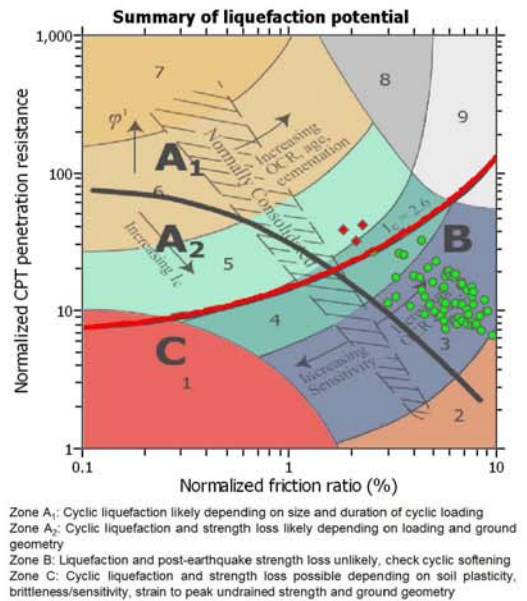
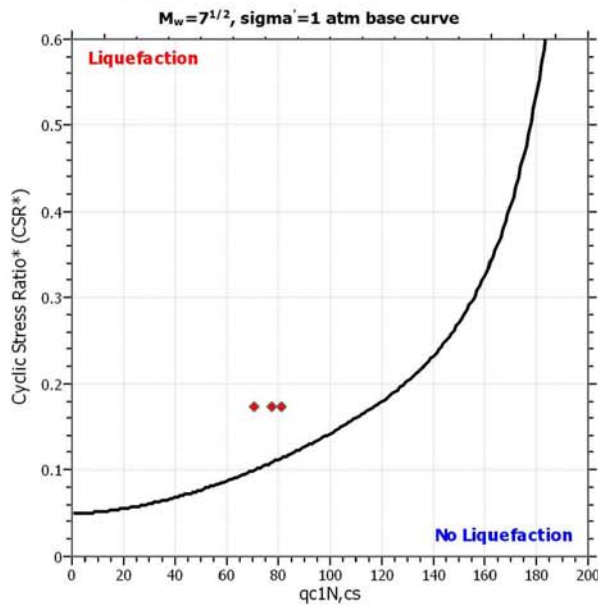
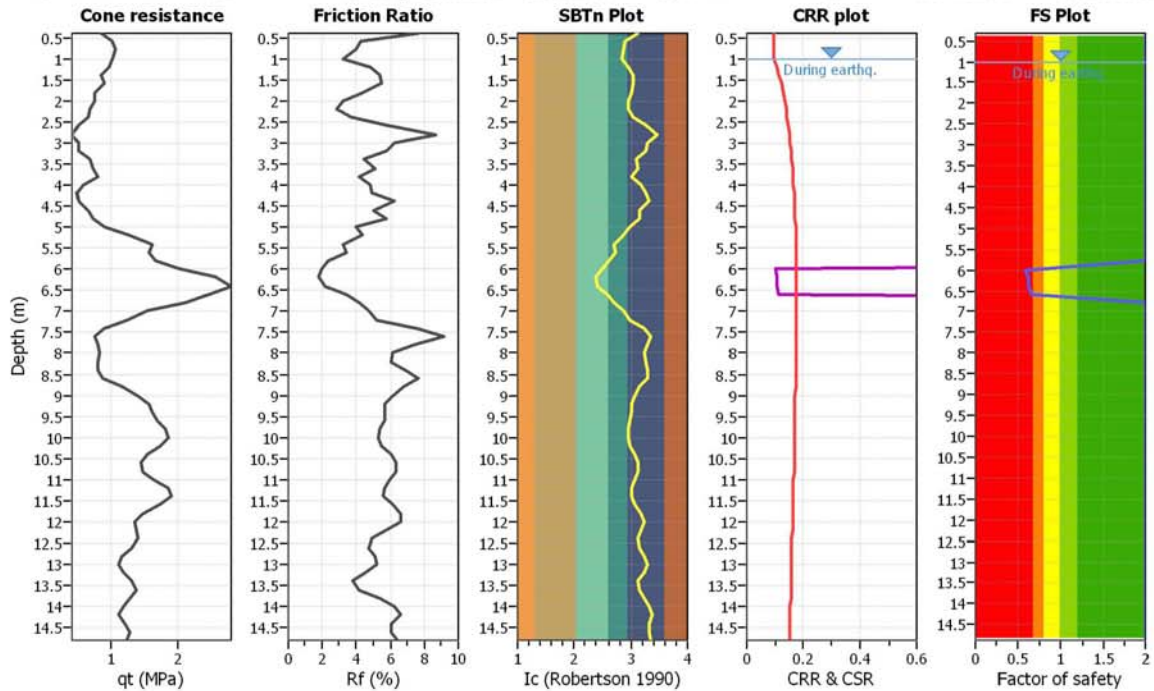
**Project title :**

**Location :**

**CPT file : 203010C240**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

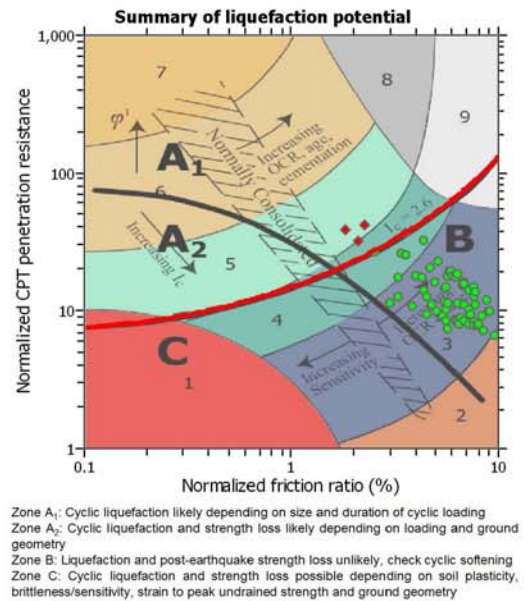
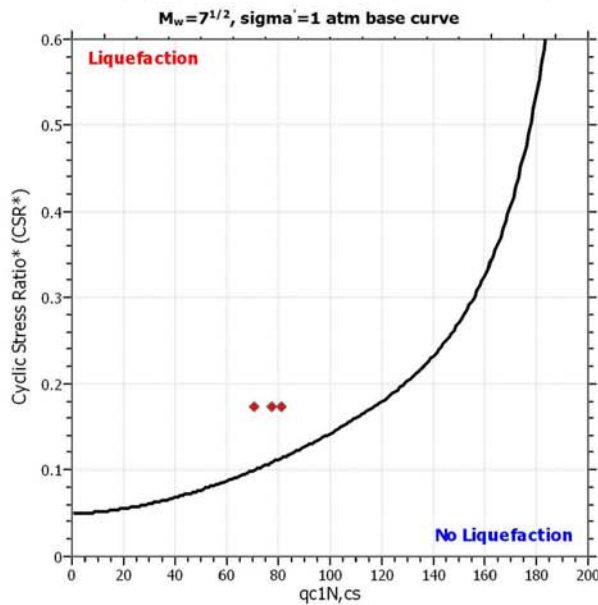
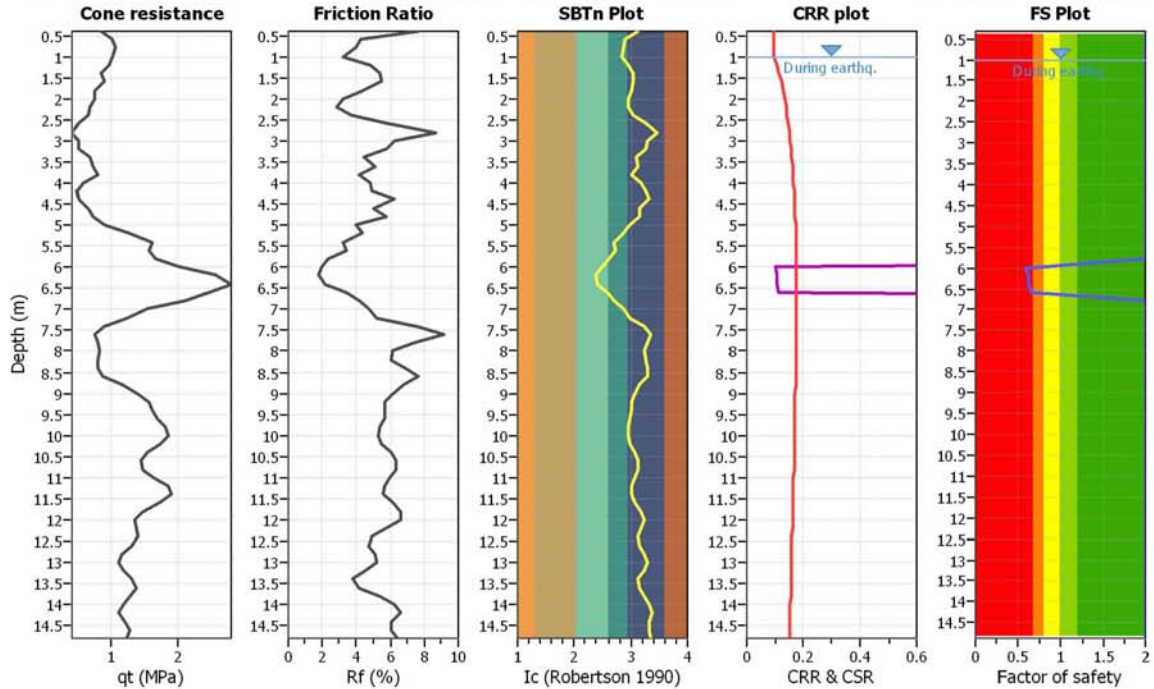
**Project title :**

**Location :**

**CPT file : 203010C241**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

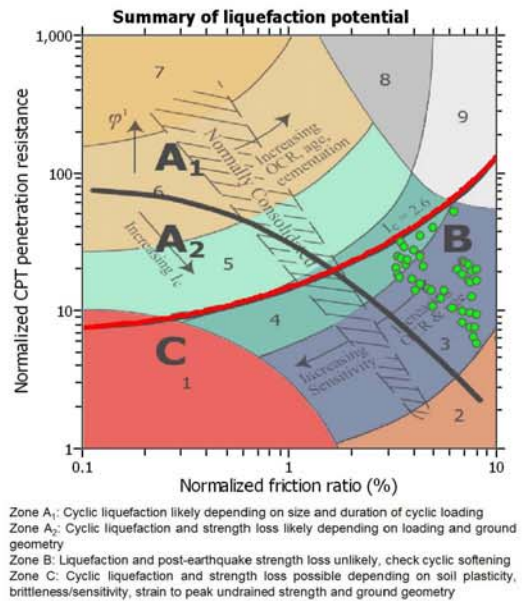
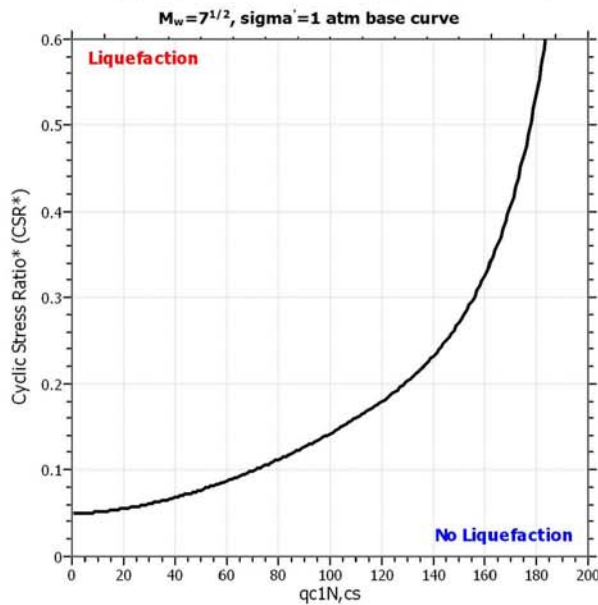
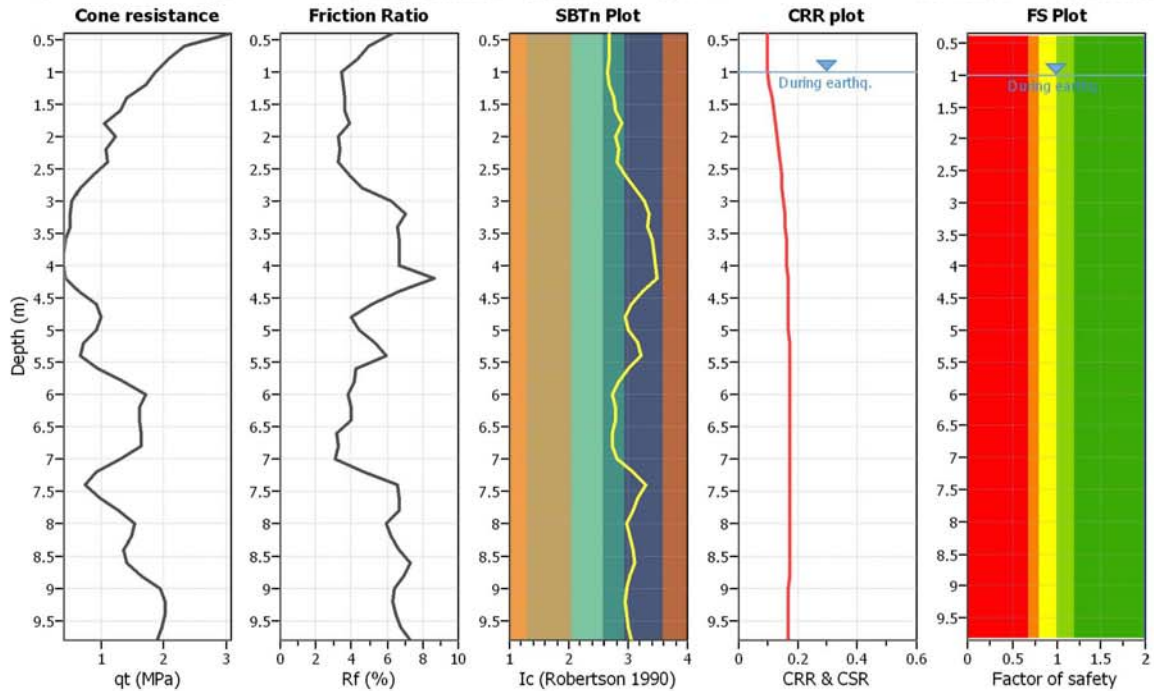
**Project title :**

**Location :**

**CPT file : 203010C242**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

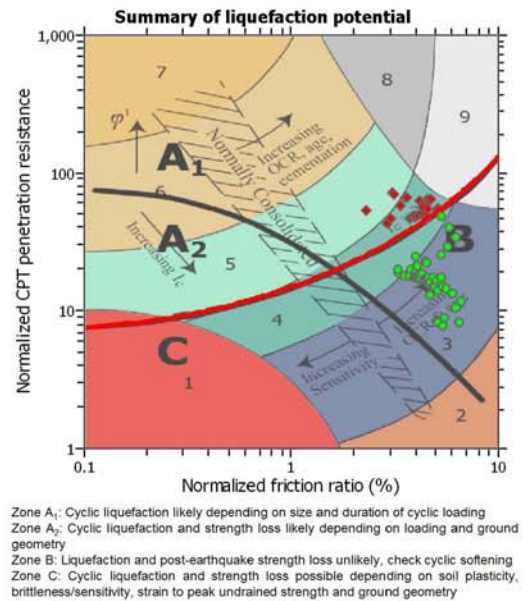
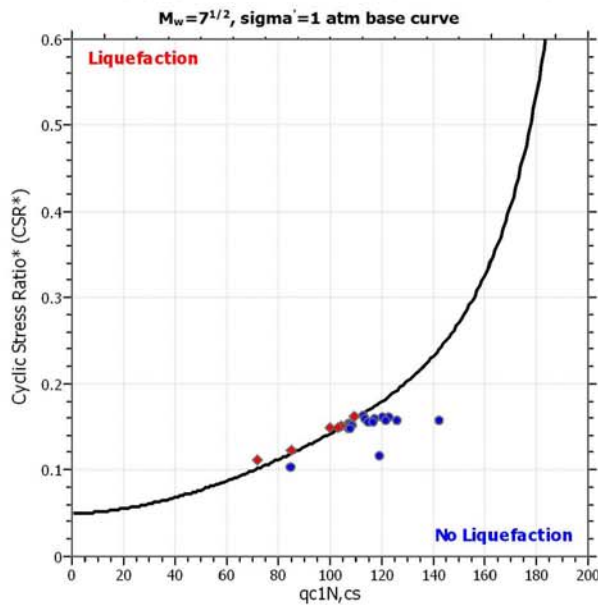
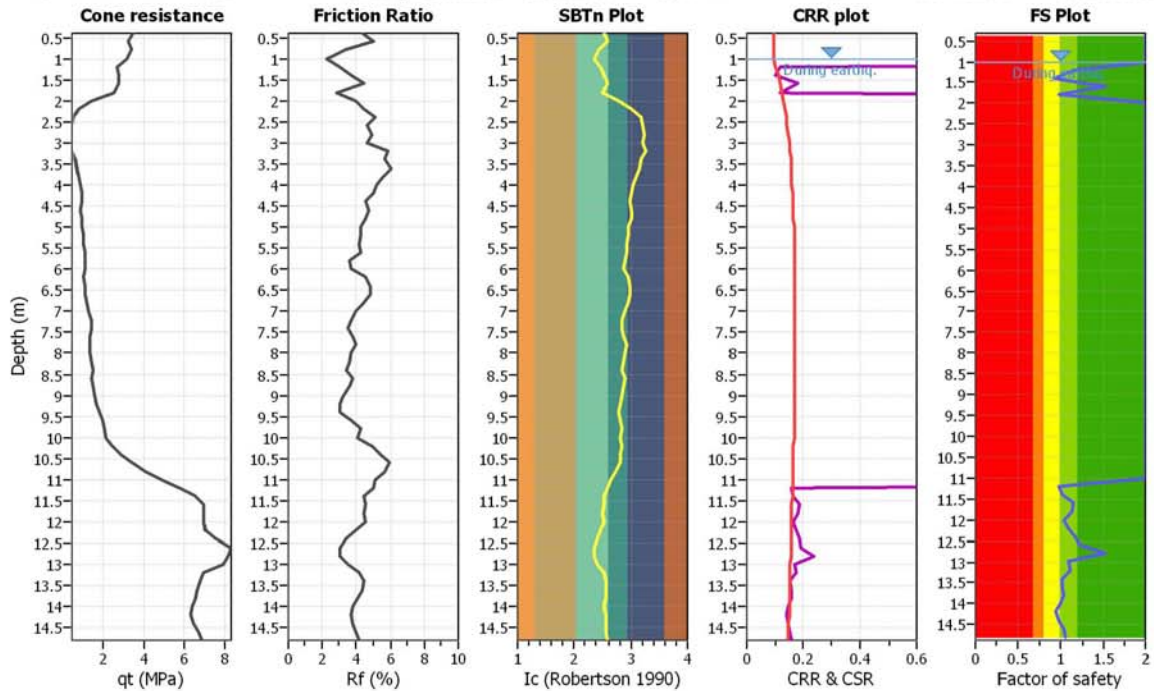
**Project title :**

**Location :**

**CPT file : 203010C243**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

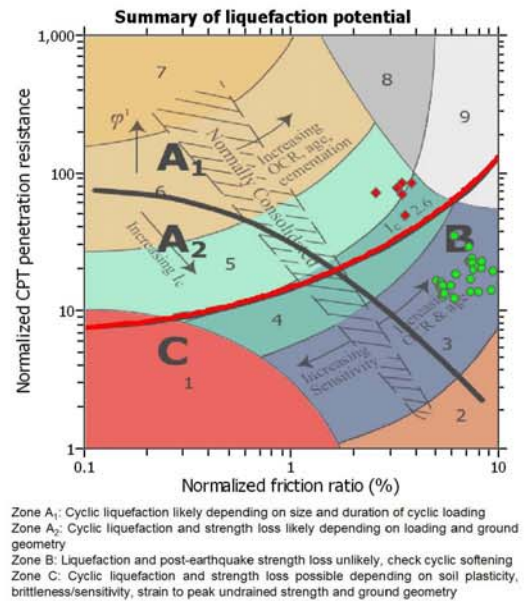
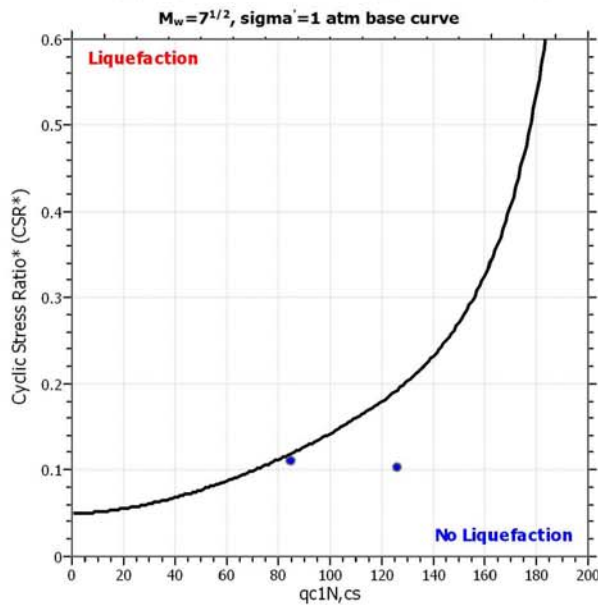
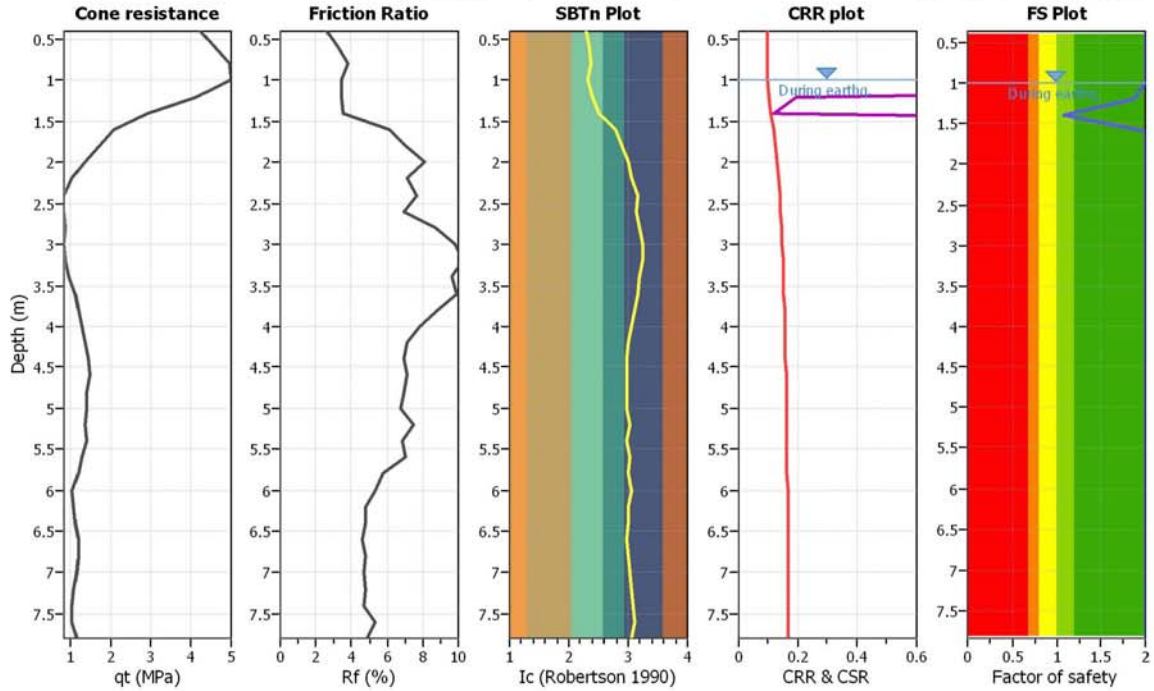
**Project title :**

**Location :**

**CPT file : 203010C244**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

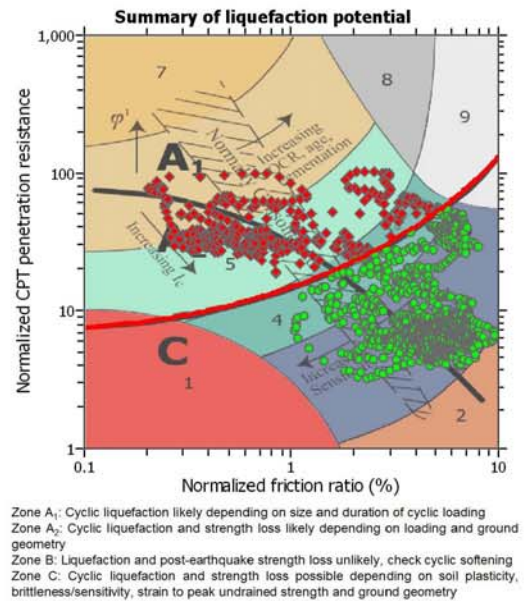
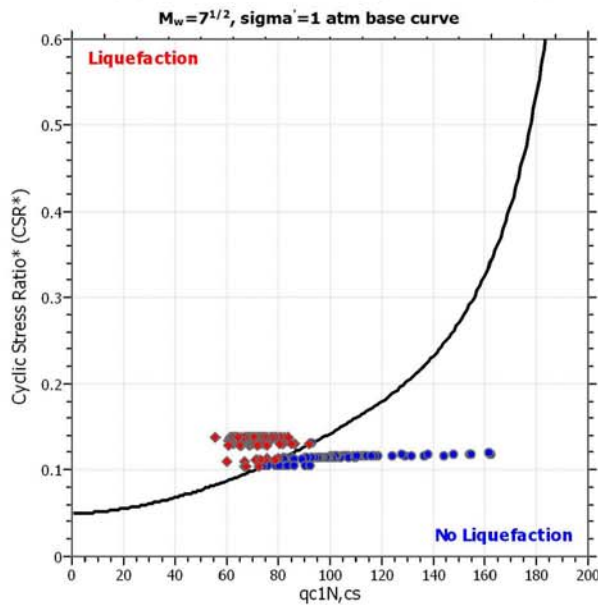
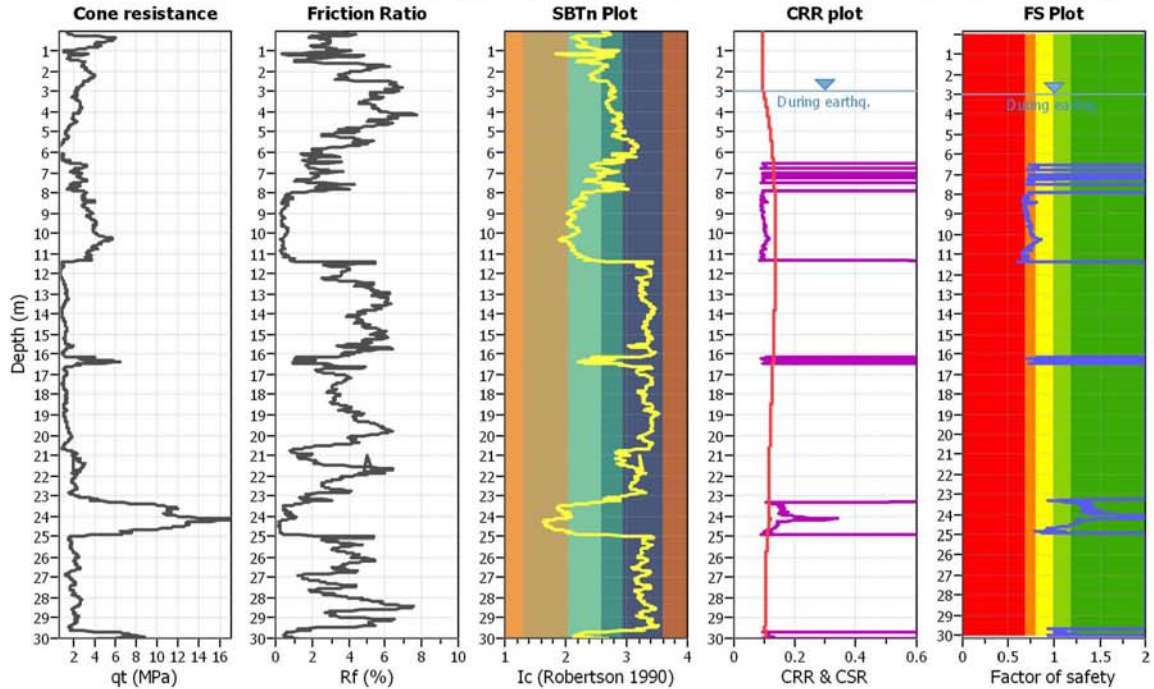
**Project title :**

**Location :**

**CPT file : 203010U001**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

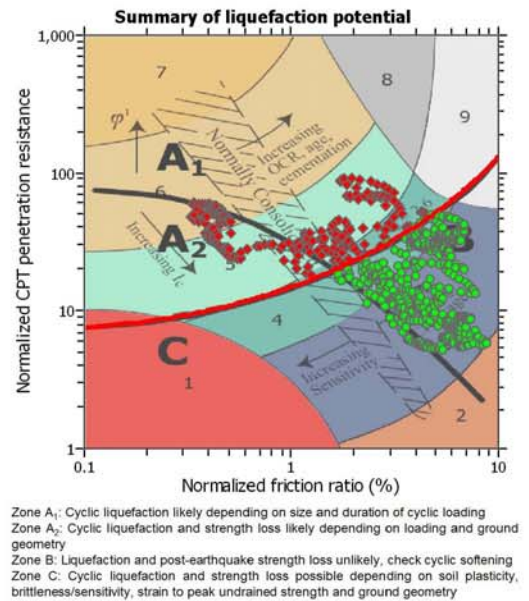
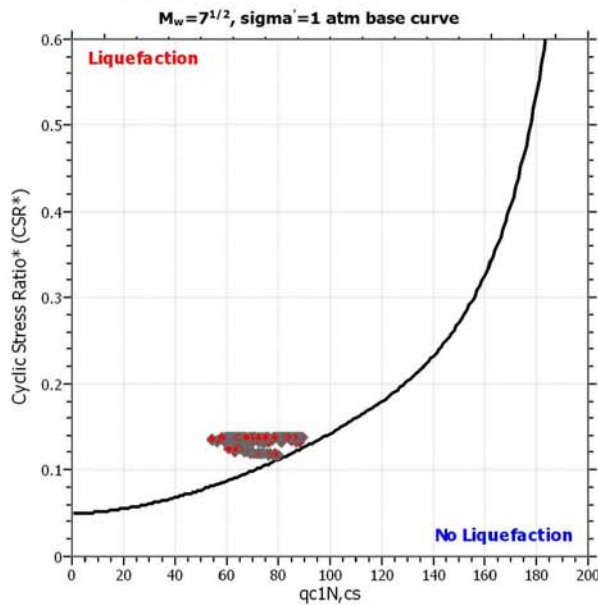
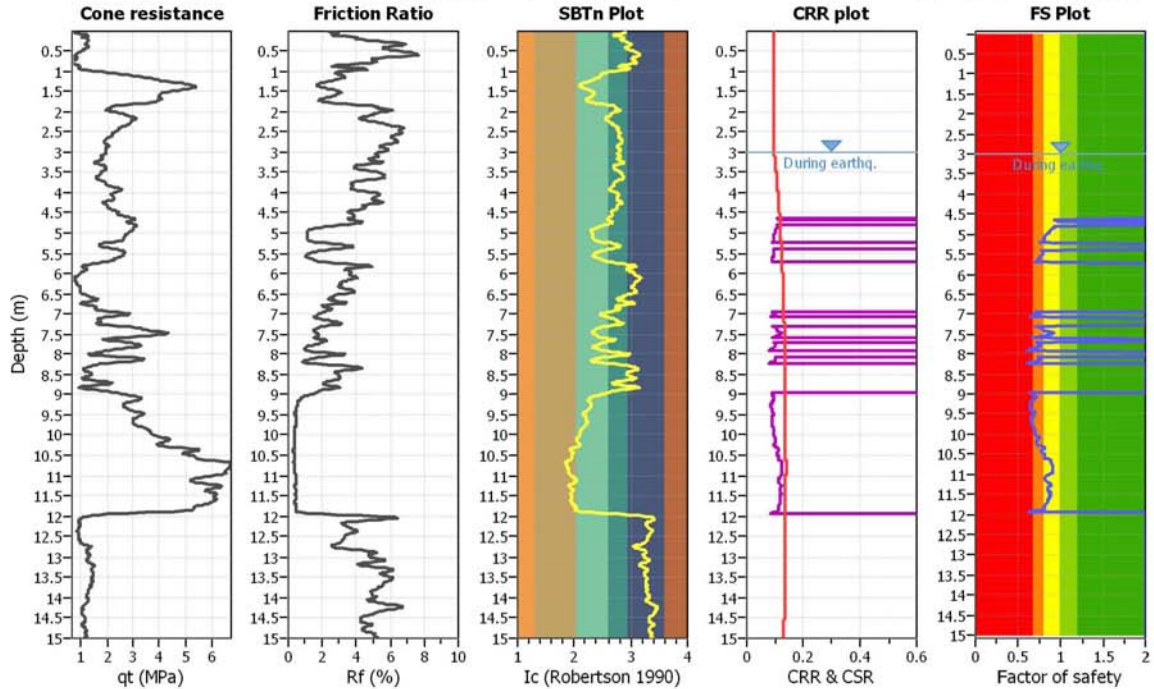
**Project title :**

**Location :**

**CPT file : 203010U002**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

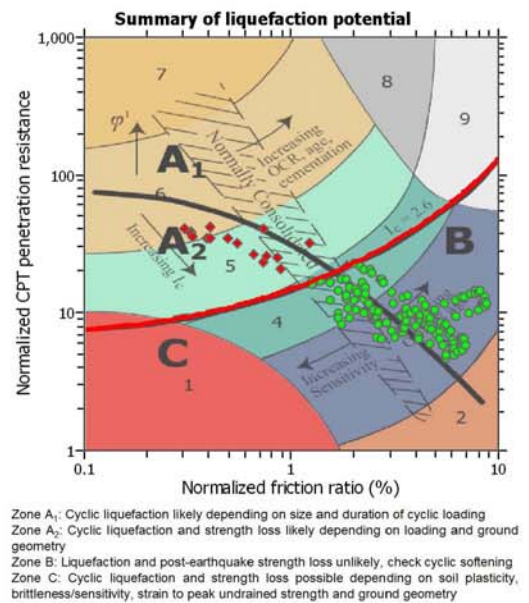
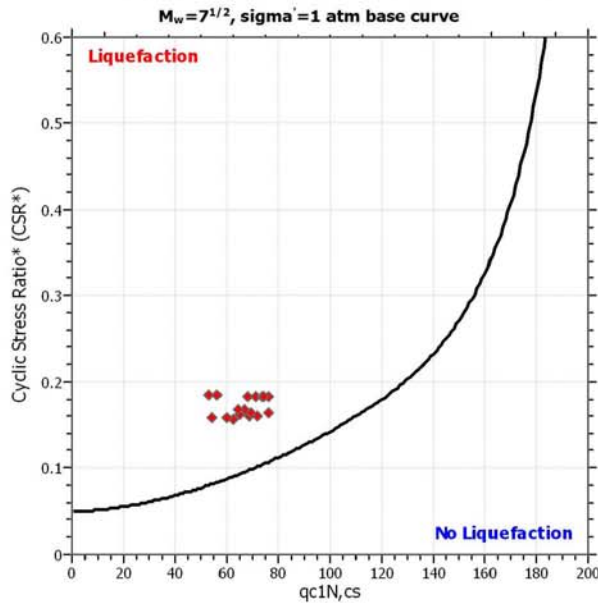
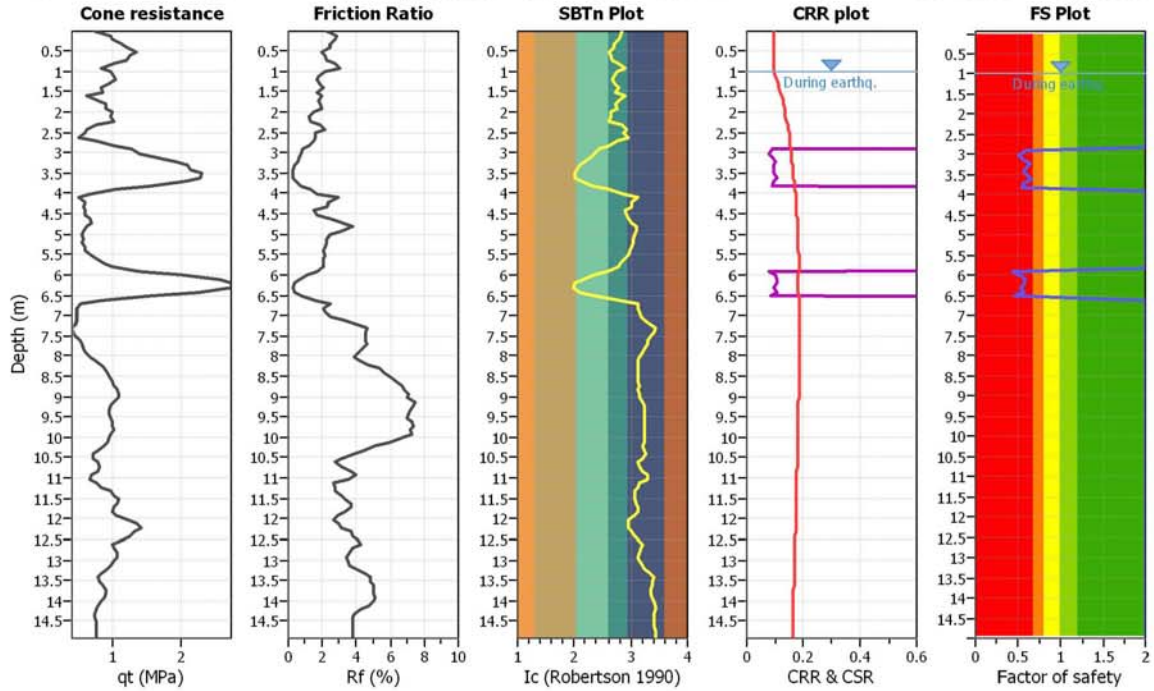
**Project title :**

**Location :**

**CPT file : 203010U005**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

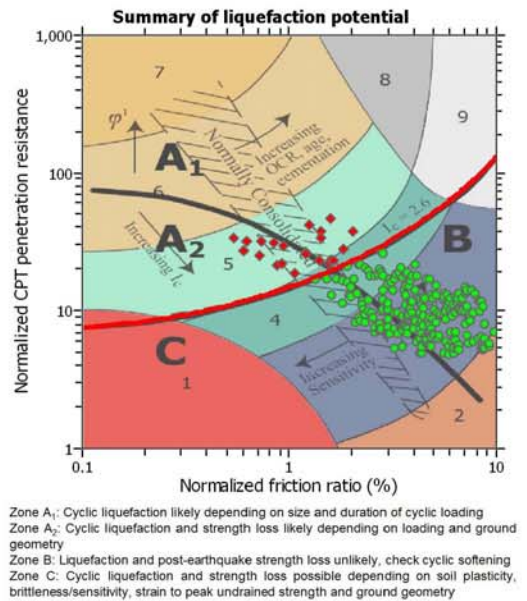
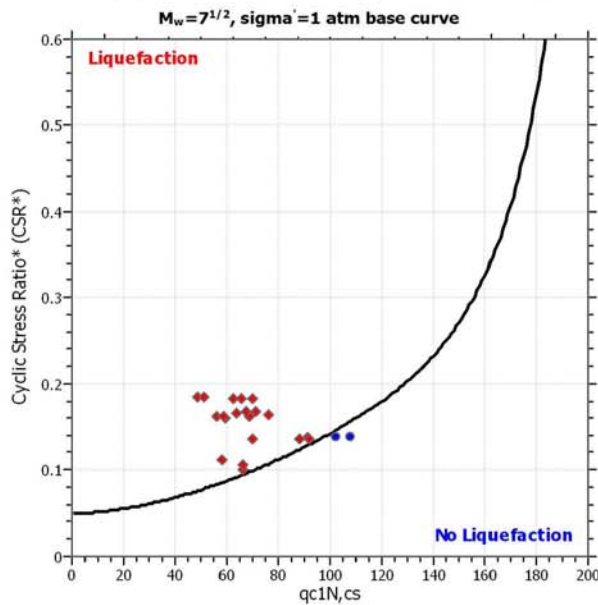
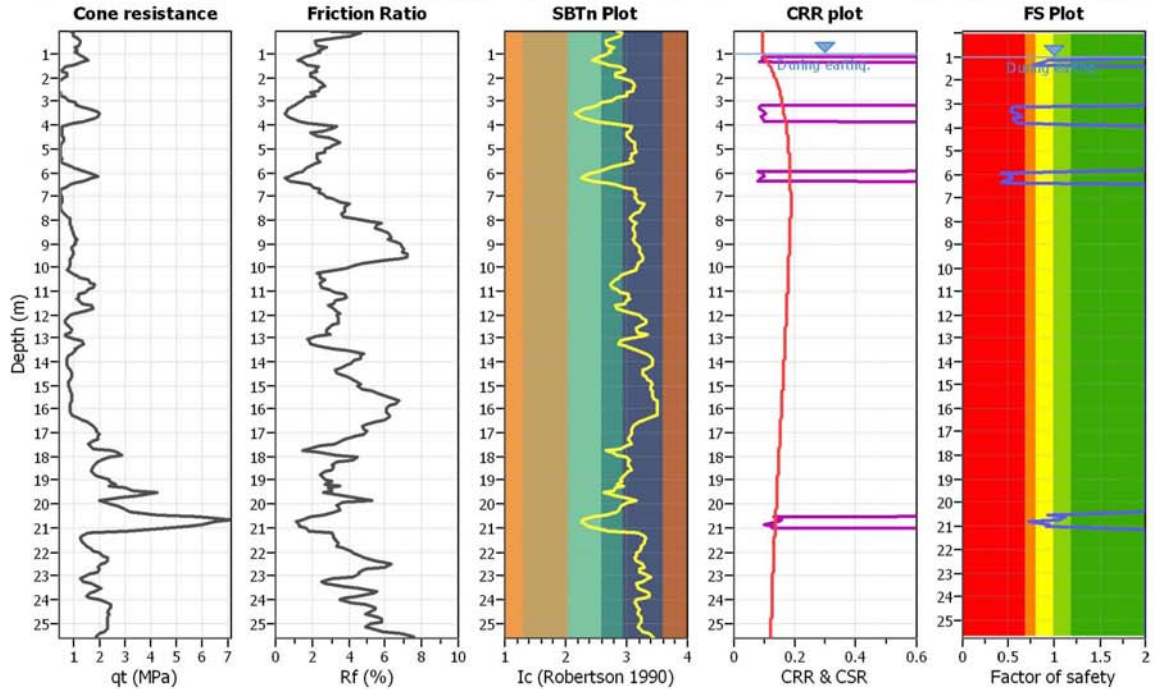
**Project title :**

**Location :**

**CPT file : 203010U006**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

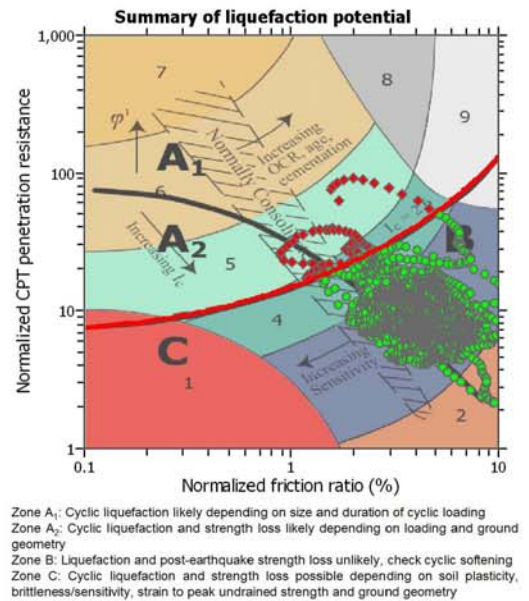
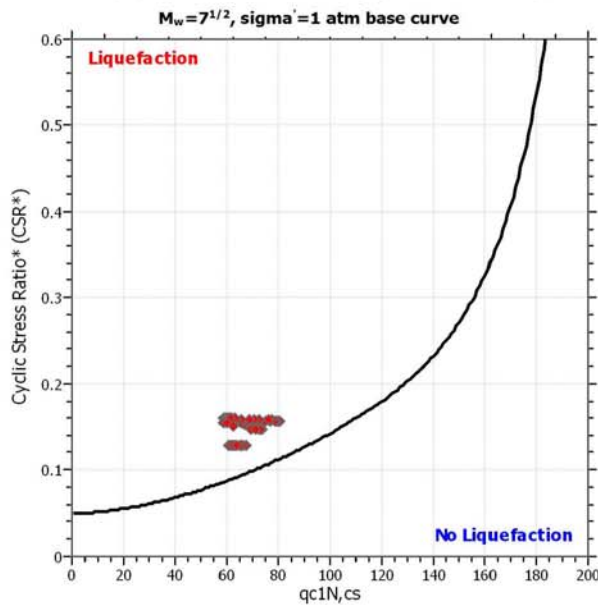
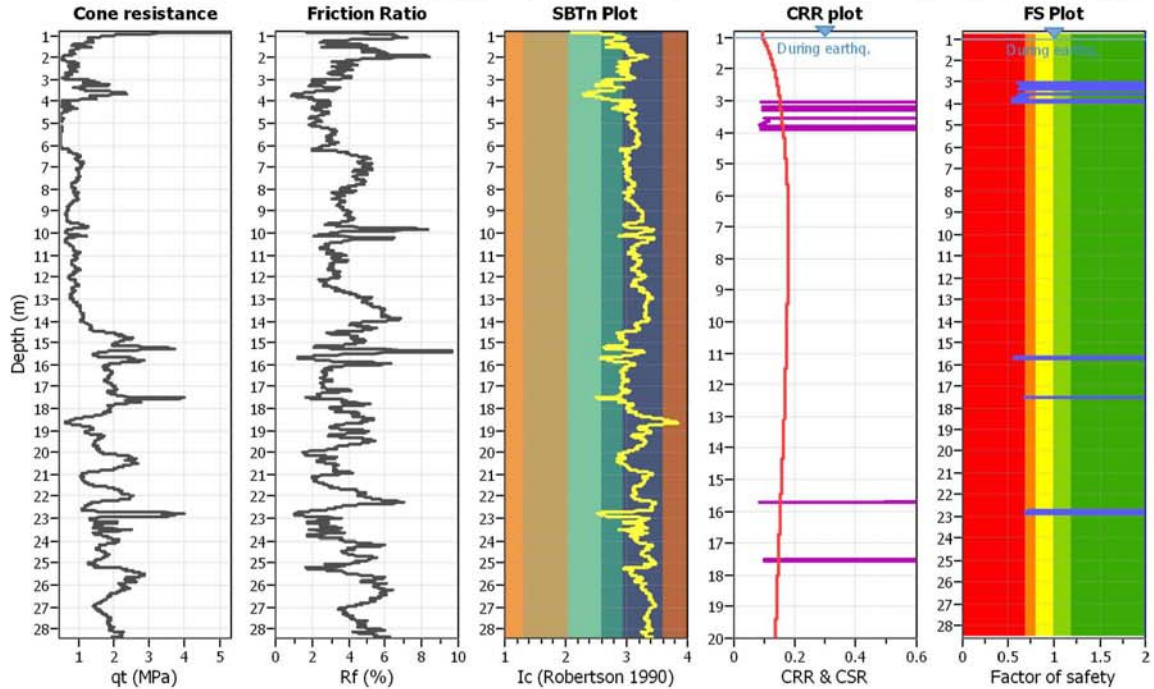
**Project title :**

**Location :**

**CPT file : 203010U007**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

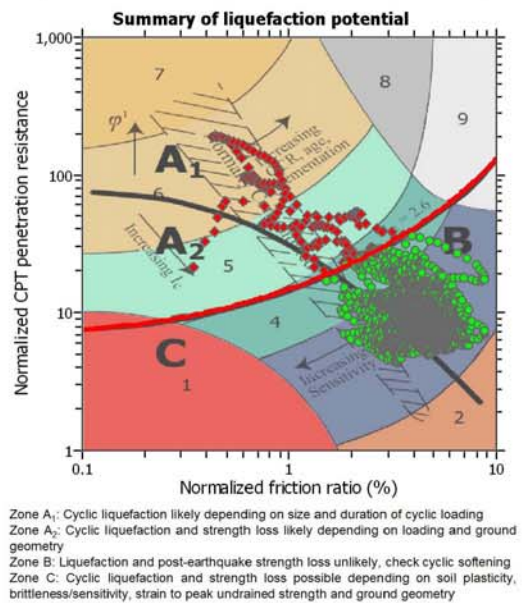
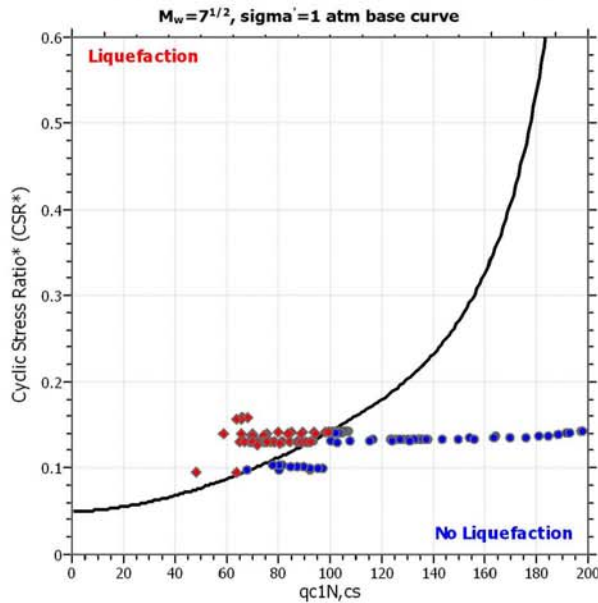
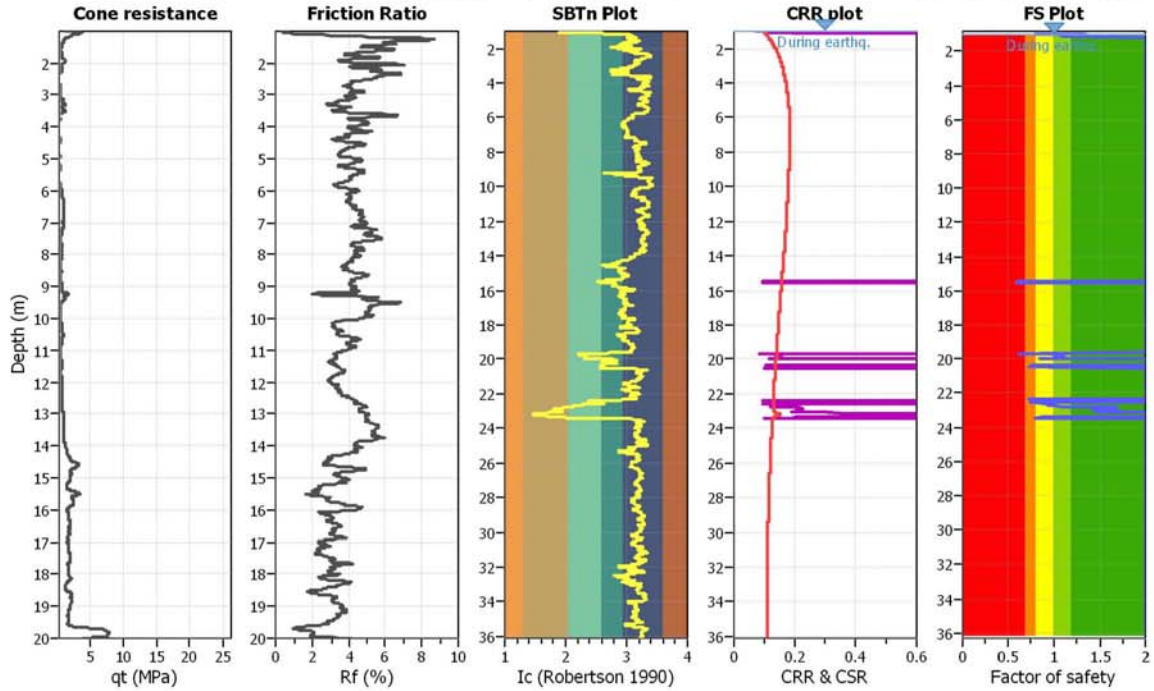
**Project title :**

**Location :**

**CPT file : 203010U008**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

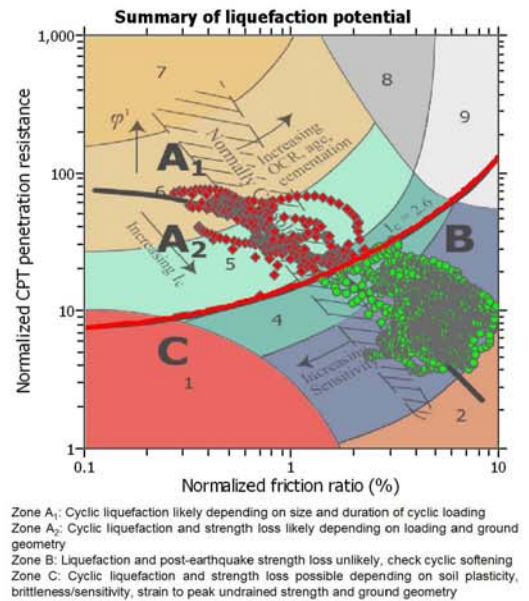
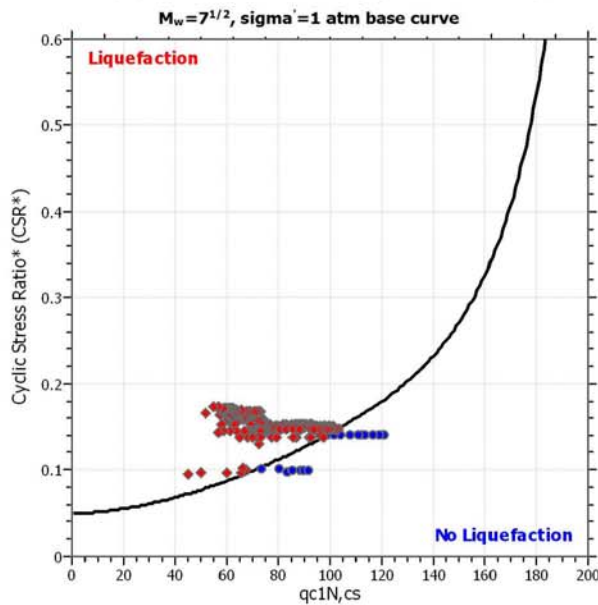
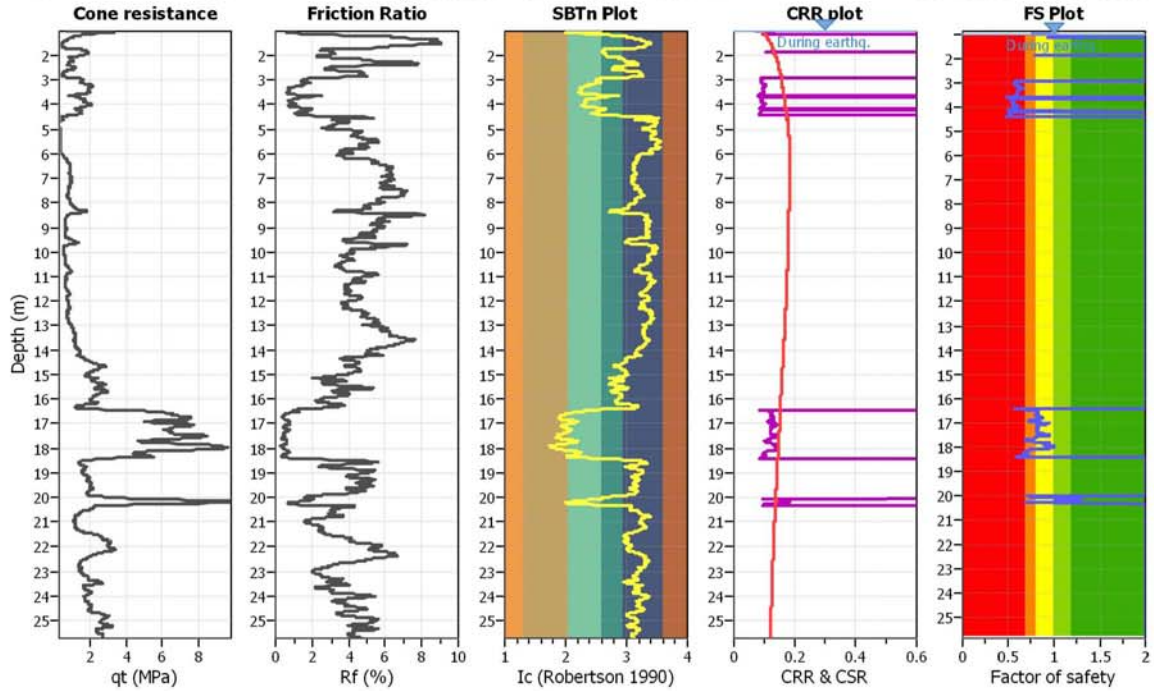
**Project title :**

**Location :**

**CPT file : 203010U009**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

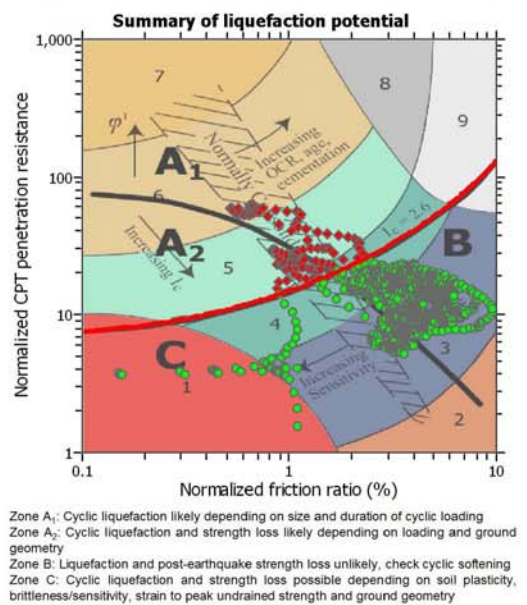
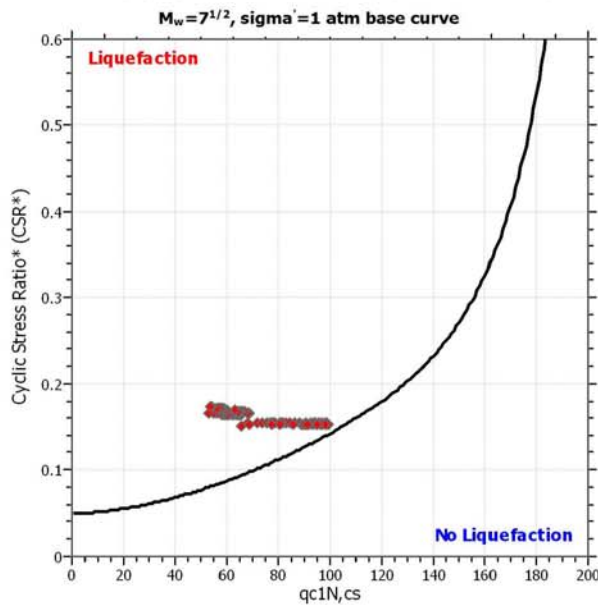
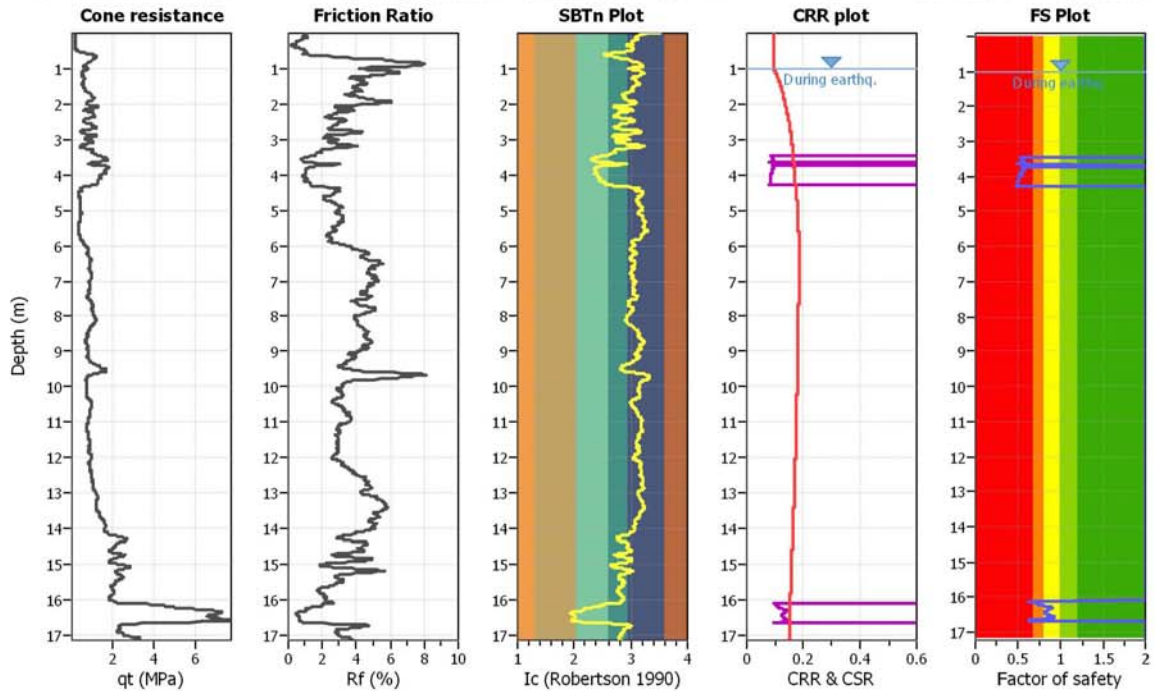
**Project title :**

**Location :**

**CPT file : 203010U010**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

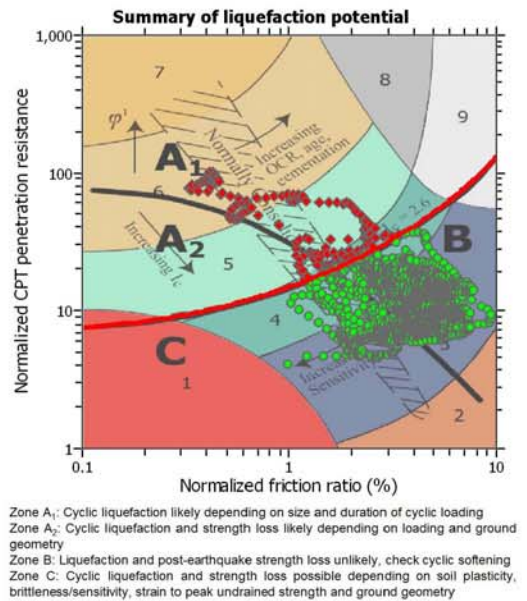
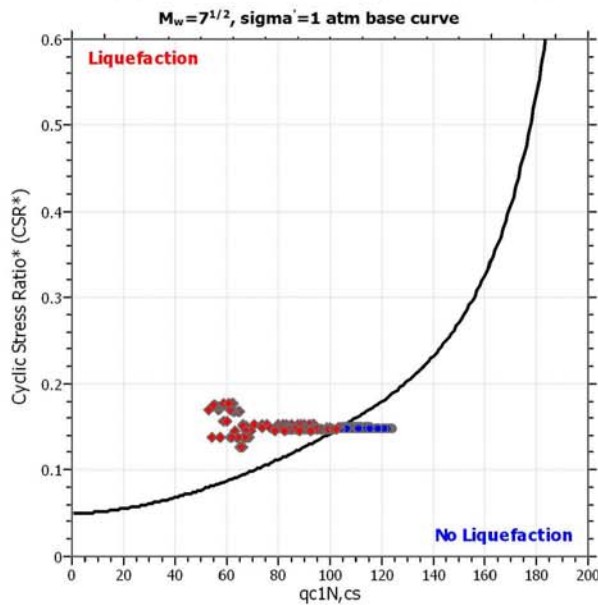
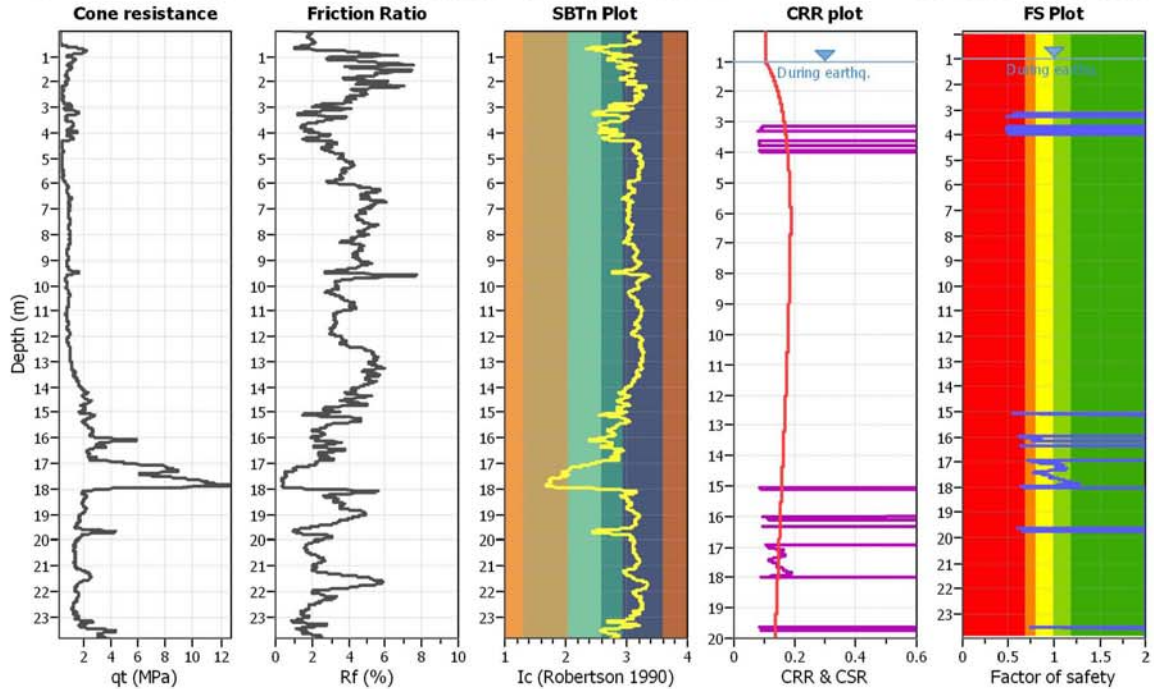
**Project title :**

**Location :**

**CPT file : 203010U011**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

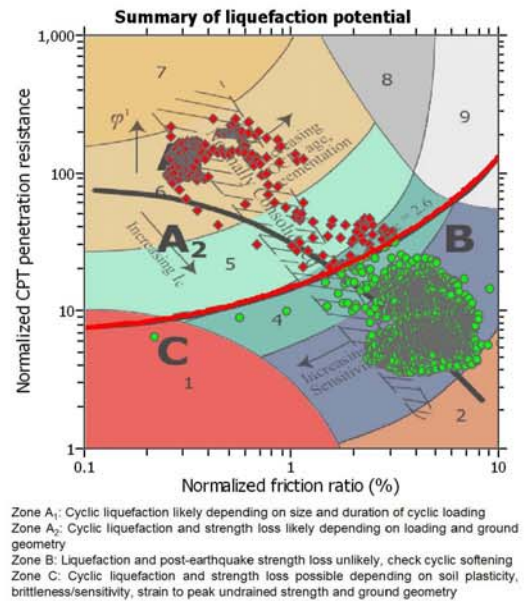
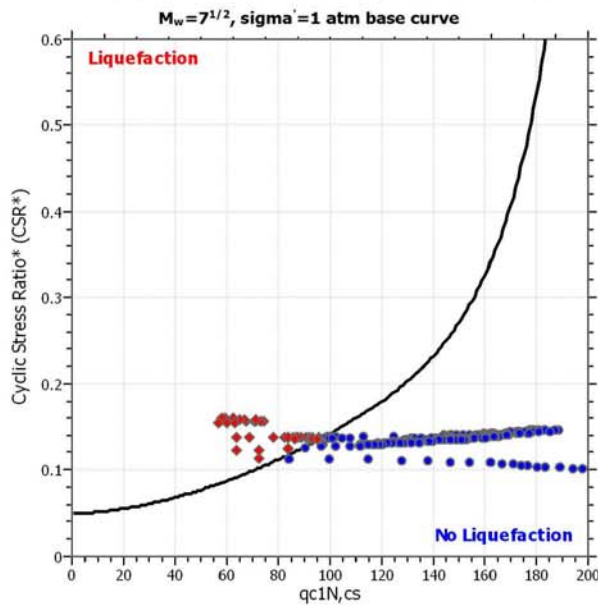
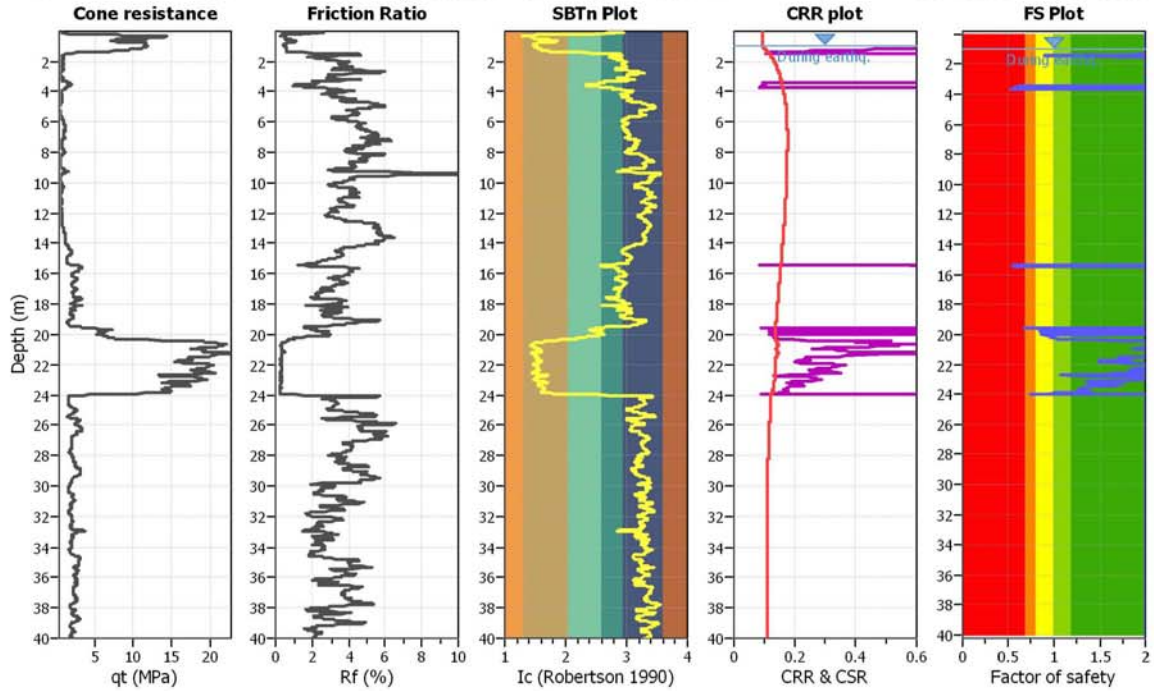
**Project title :**

**Location :**

**CPT file : 203010U012**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

**LIQUEFACTION ANALYSIS REPORT**

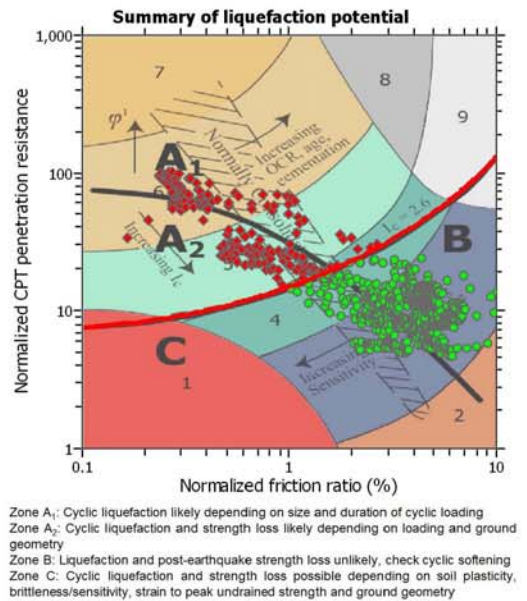
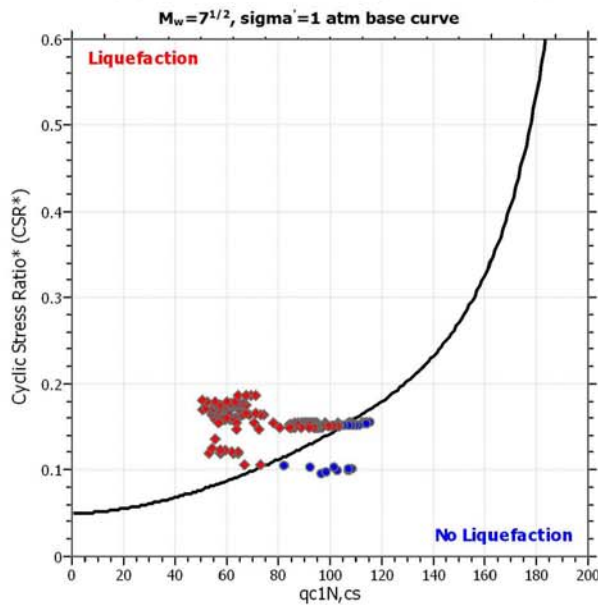
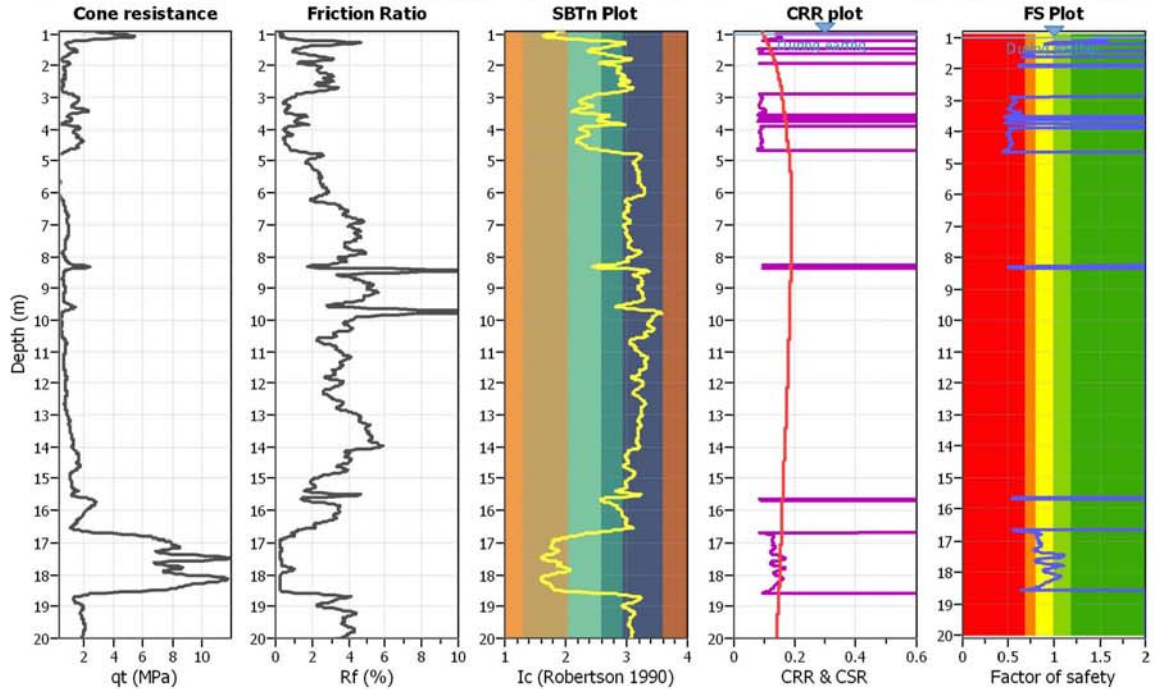
**Project title :**

**Location :**

**CPT file : 203010U013**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

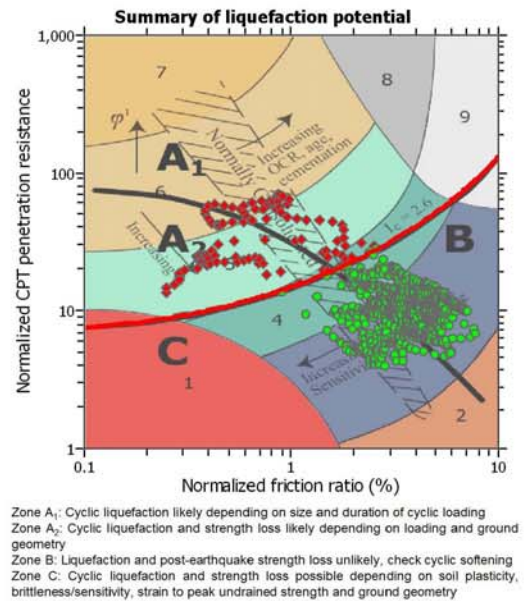
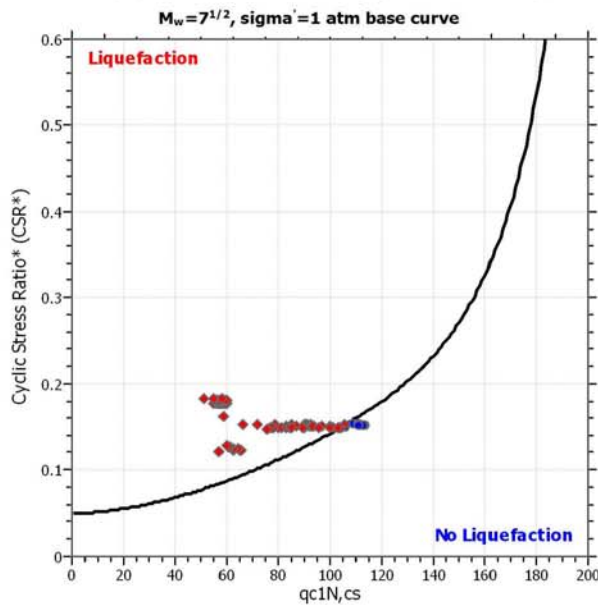
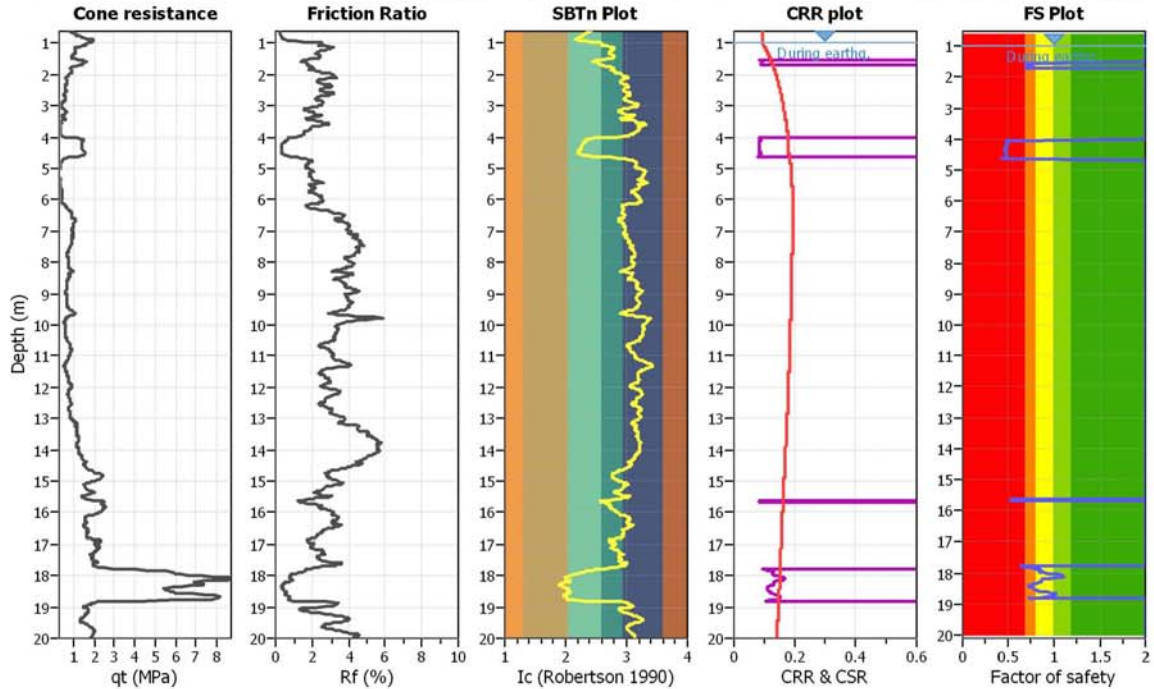
**Project title :**

**Location :**

**CPT file : 203010U014**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

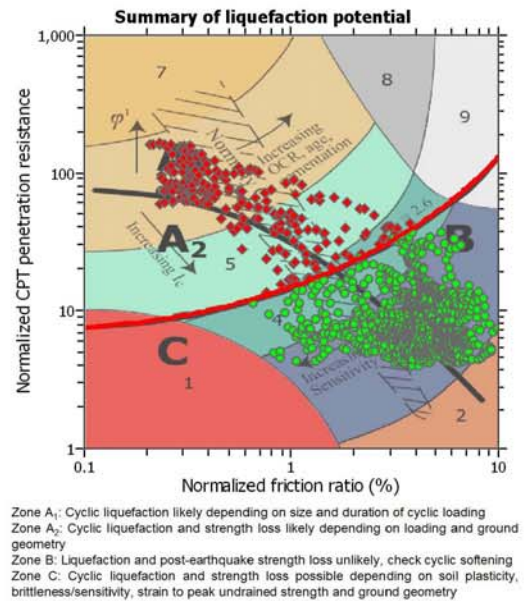
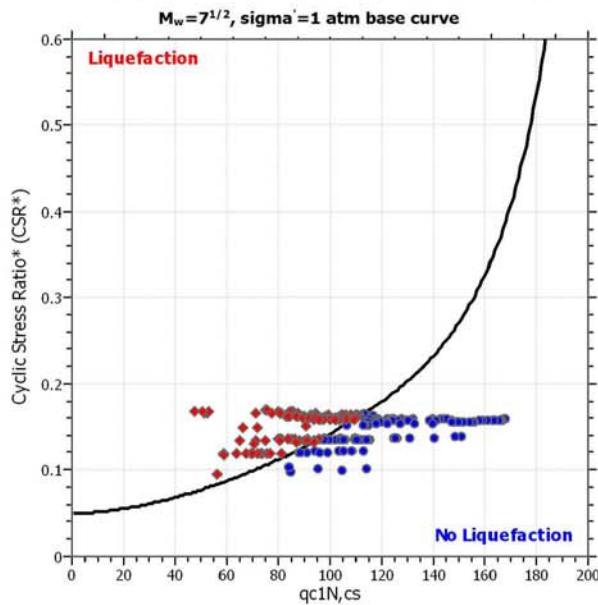
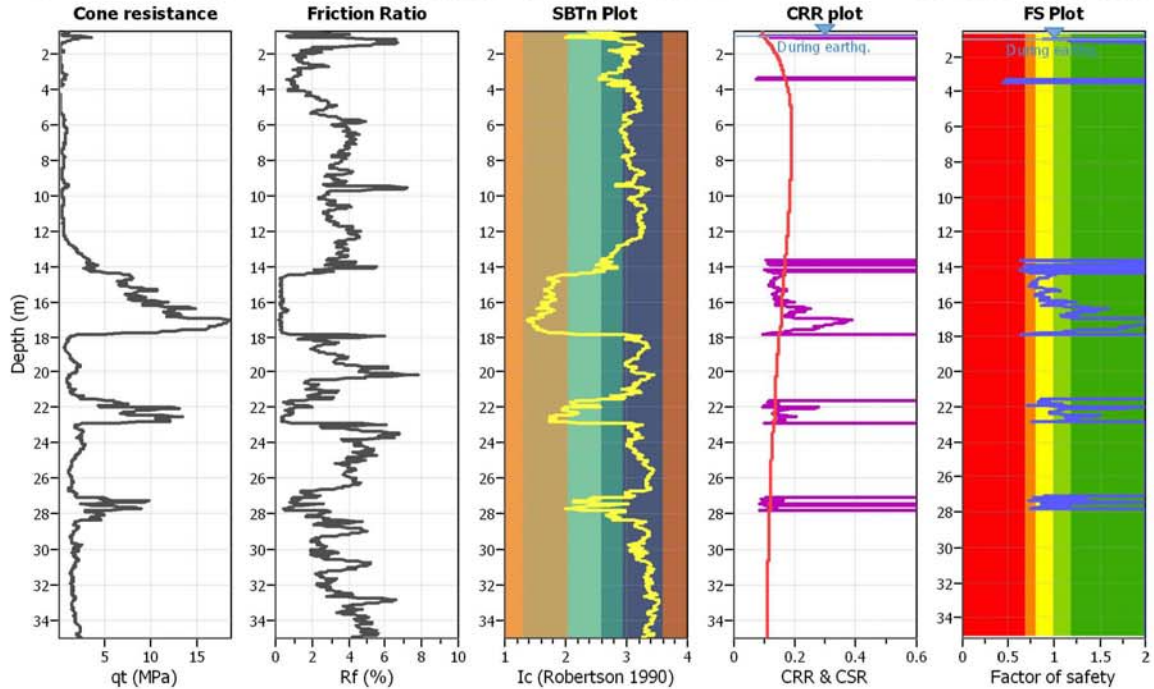
**Project title :**

**Location :**

**CPT file : 203010U501**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

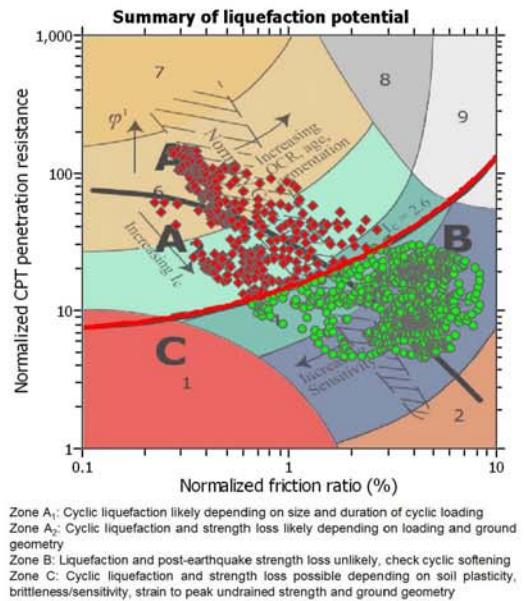
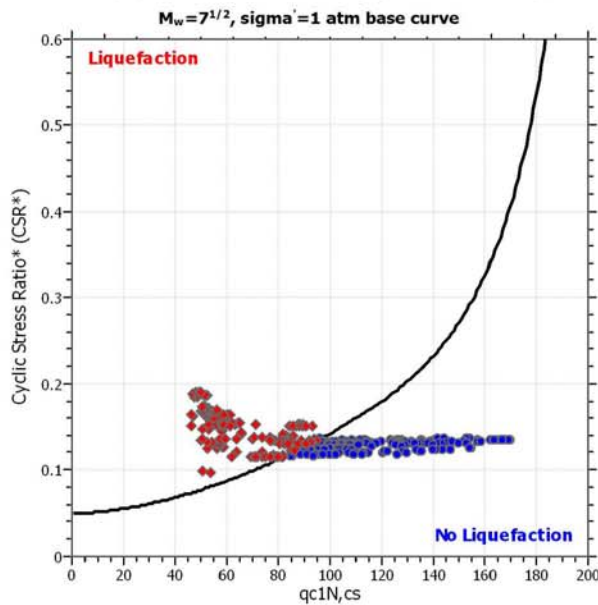
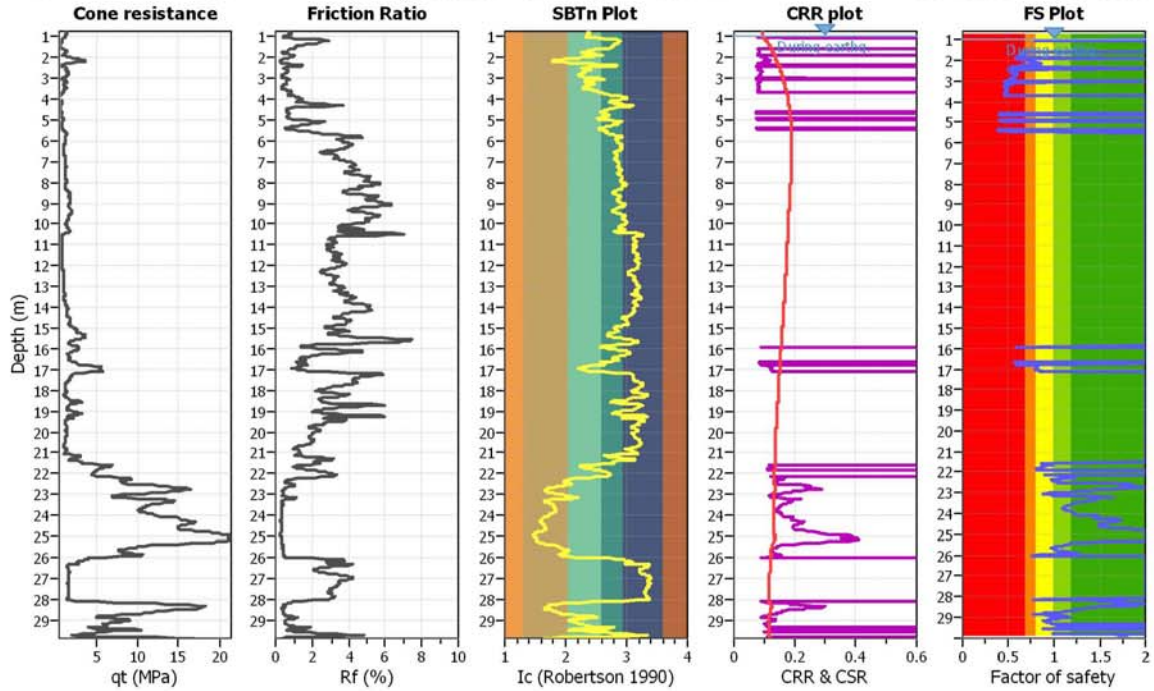
**Project title :**

**Location :**

**CPT file : 203010U502**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

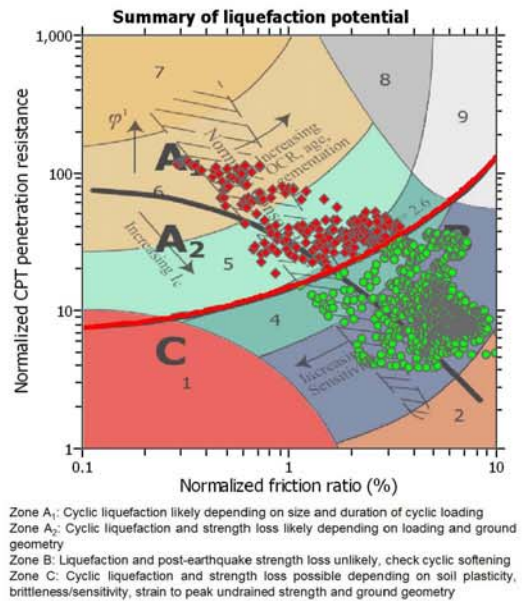
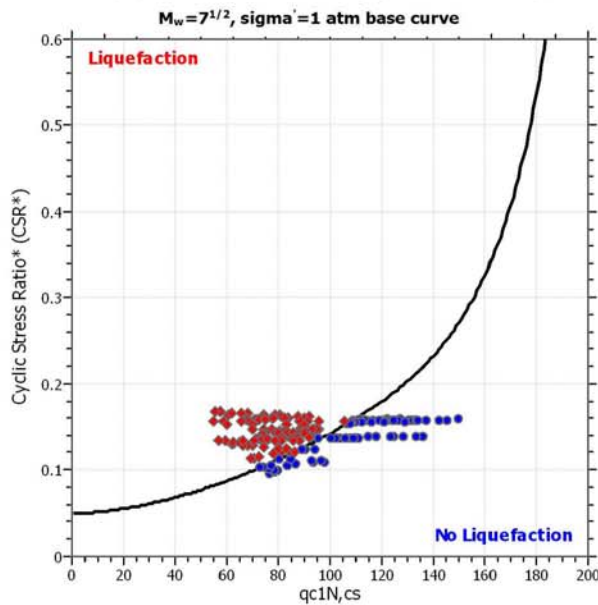
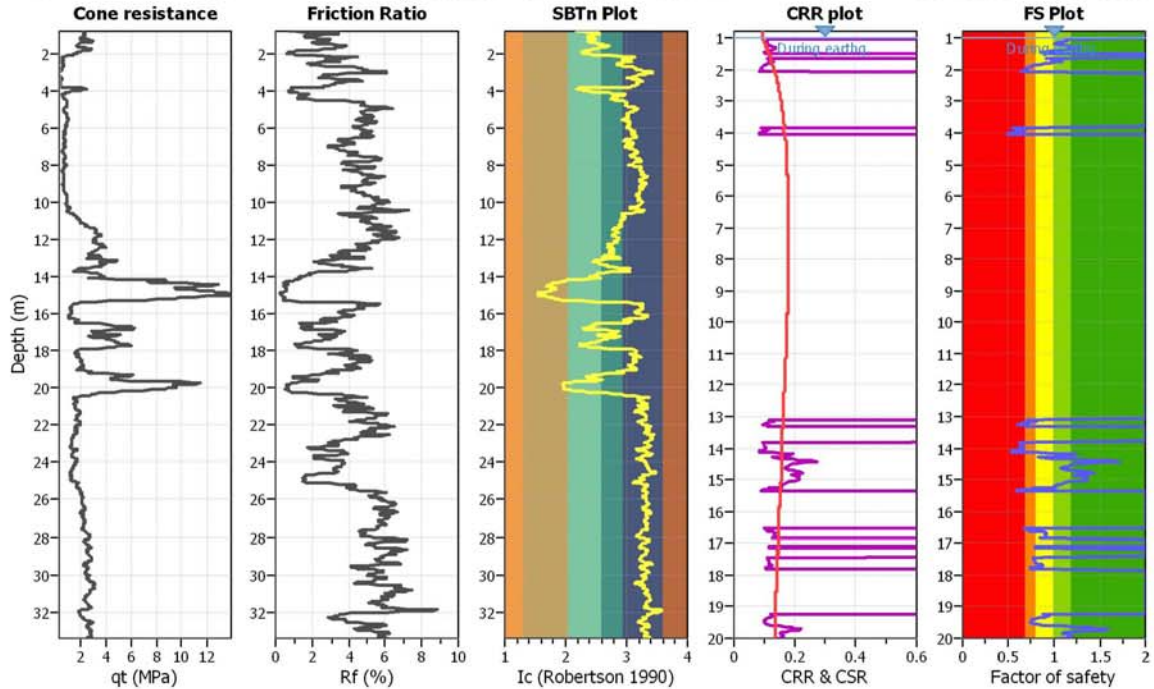
**Project title :**

**Location :**

**CPT file : 203010U504**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

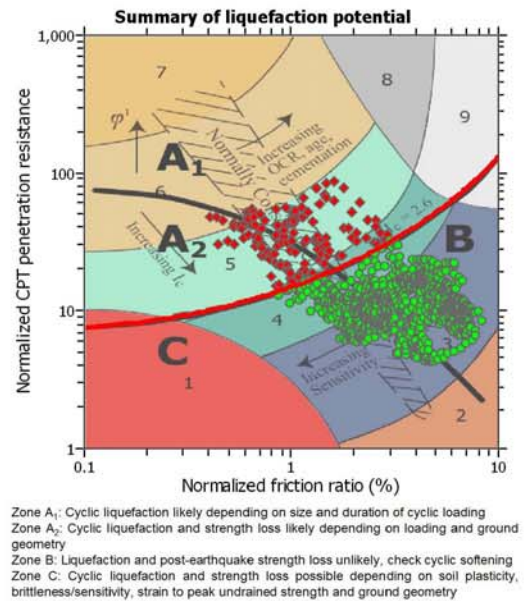
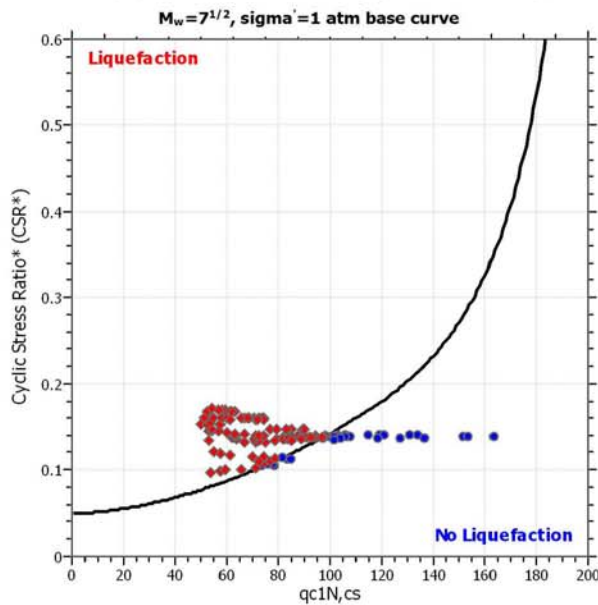
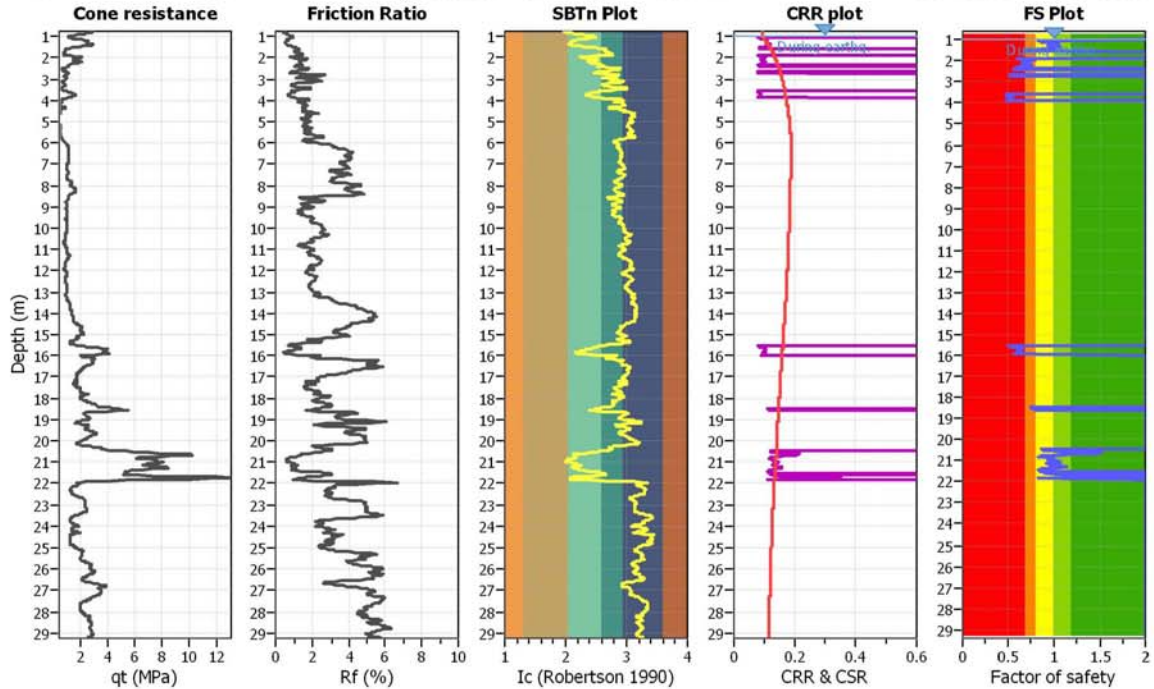
**Project title :**

**Location :**

**CPT file : 203010U505**

**Input parameters and analysis data**

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Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

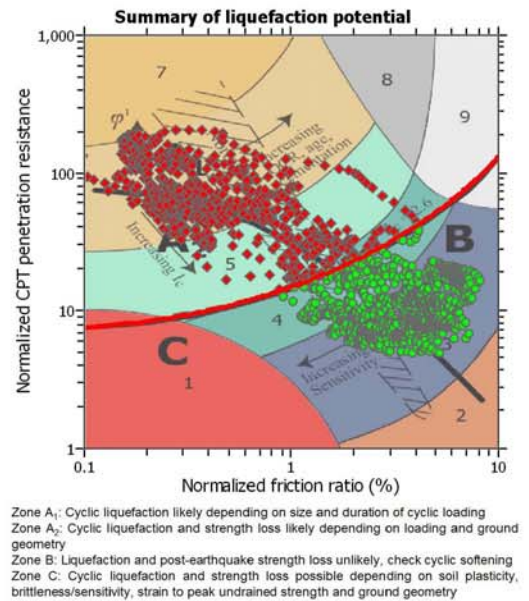
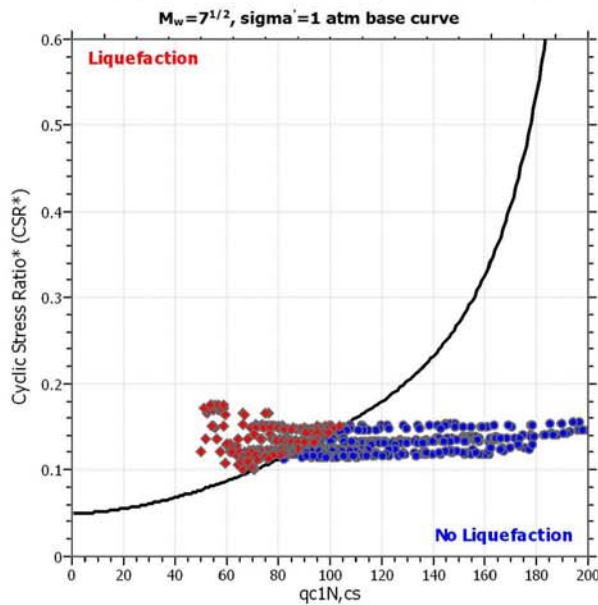
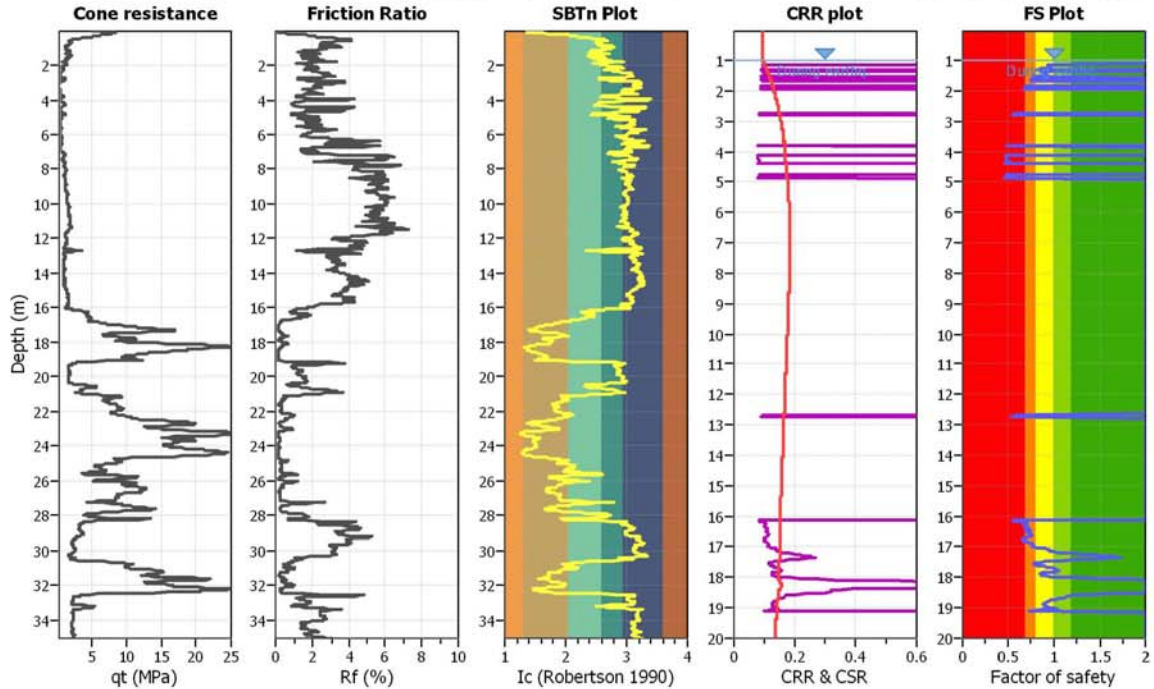
**Project title :**

**Location :**

**CPT file : 203010U508**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

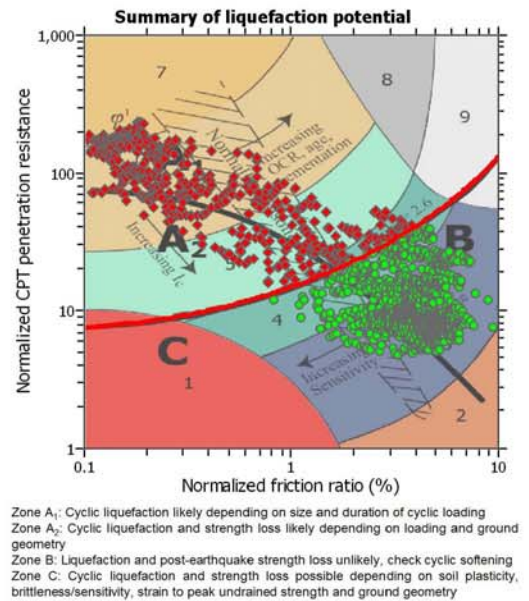
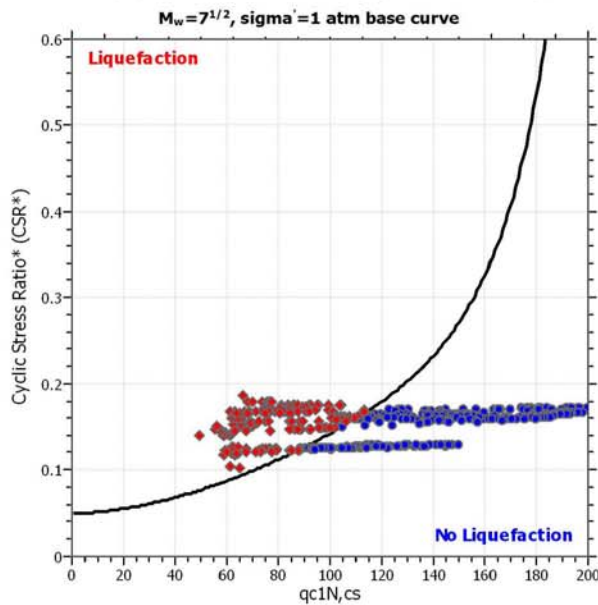
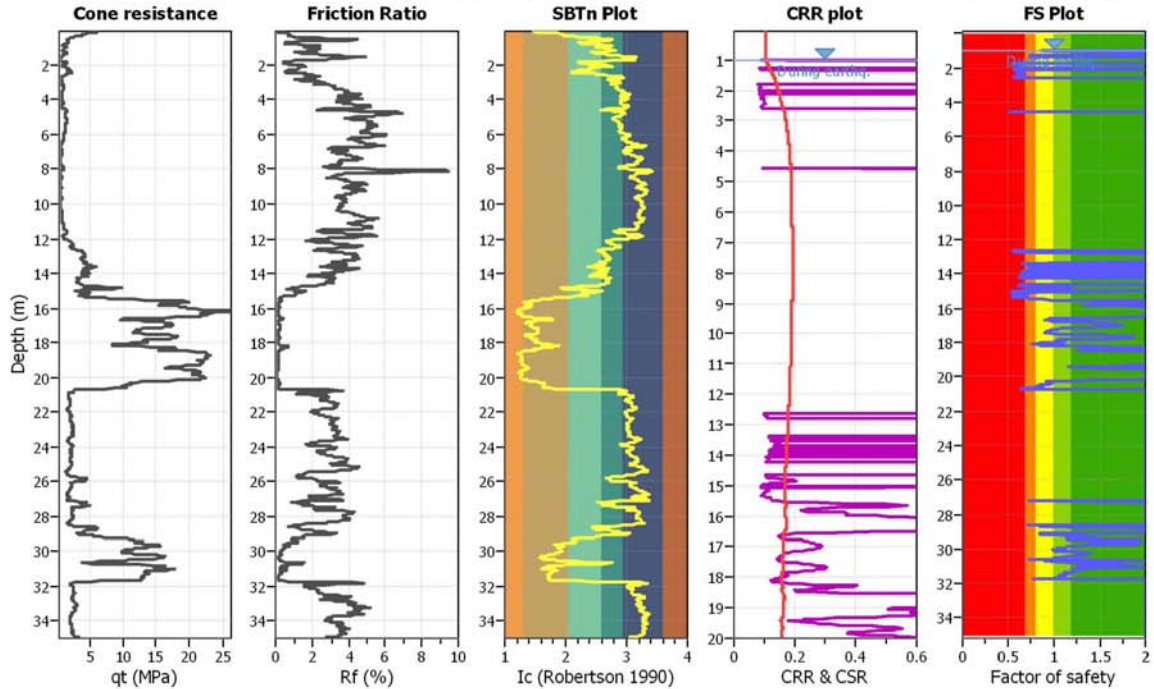
**Project title :**

**Location :**

**CPT file : 203010U509**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.25	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

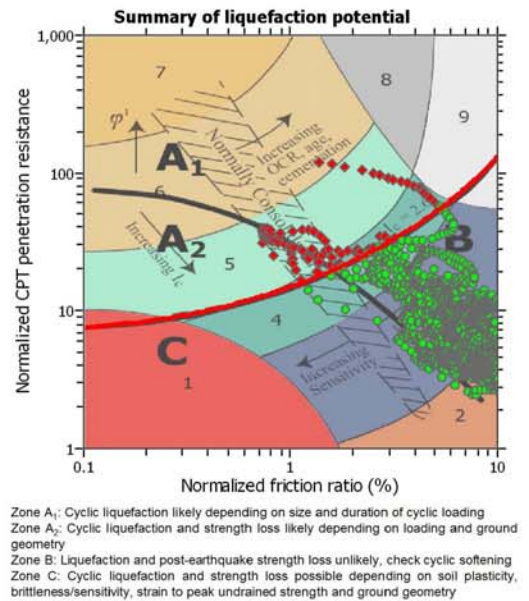
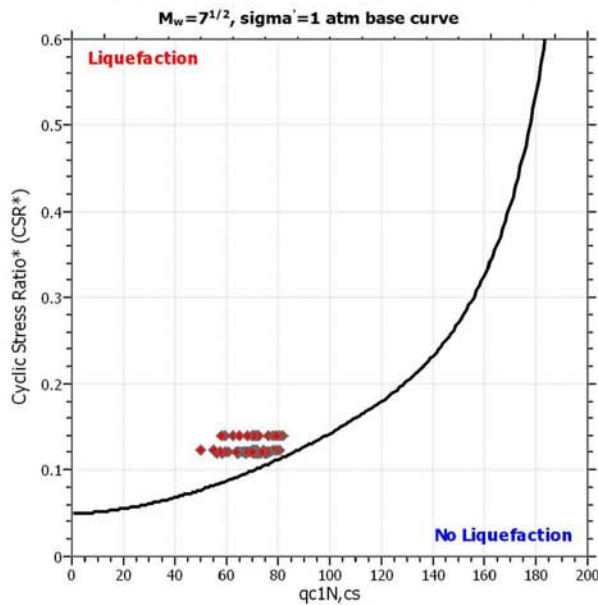
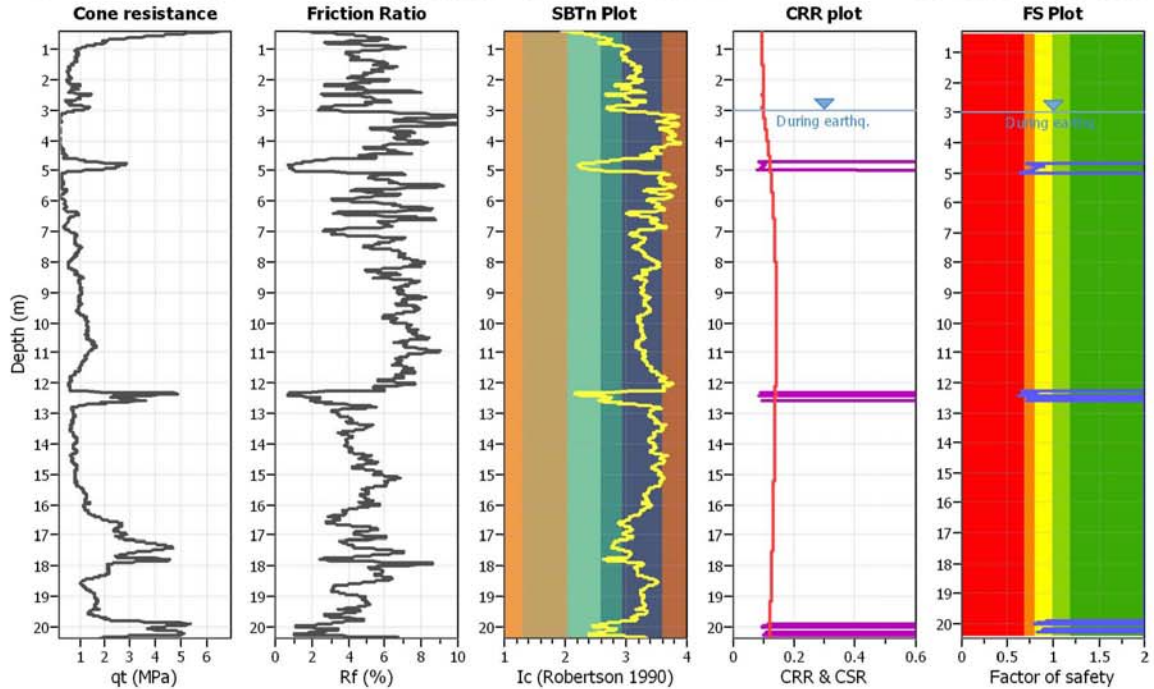
**Project title :**

**Location :**

**CPT file : 203010U991**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

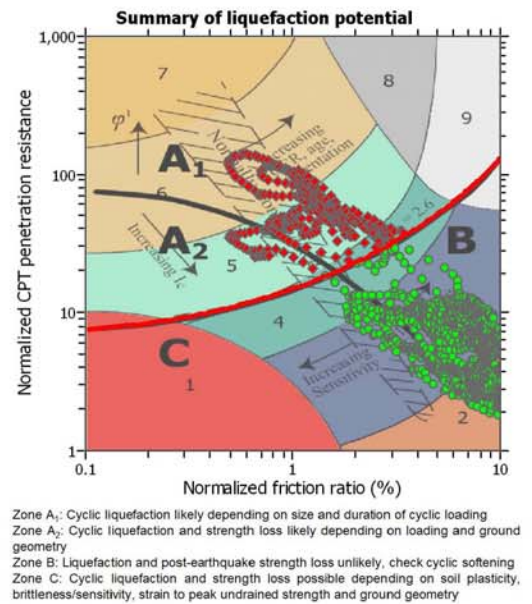
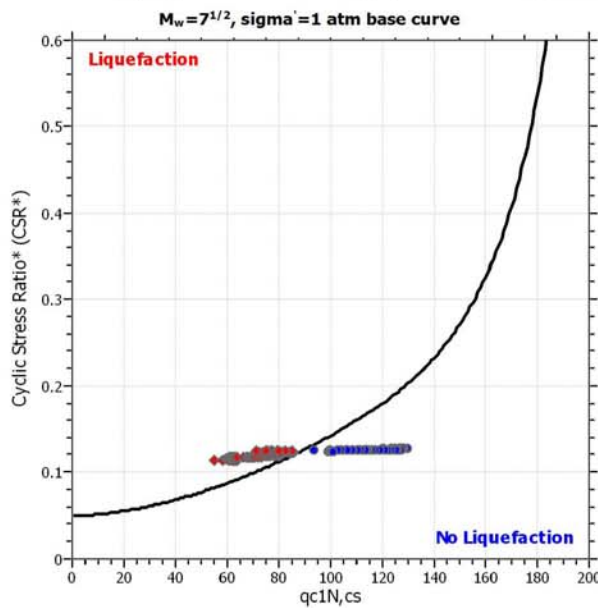
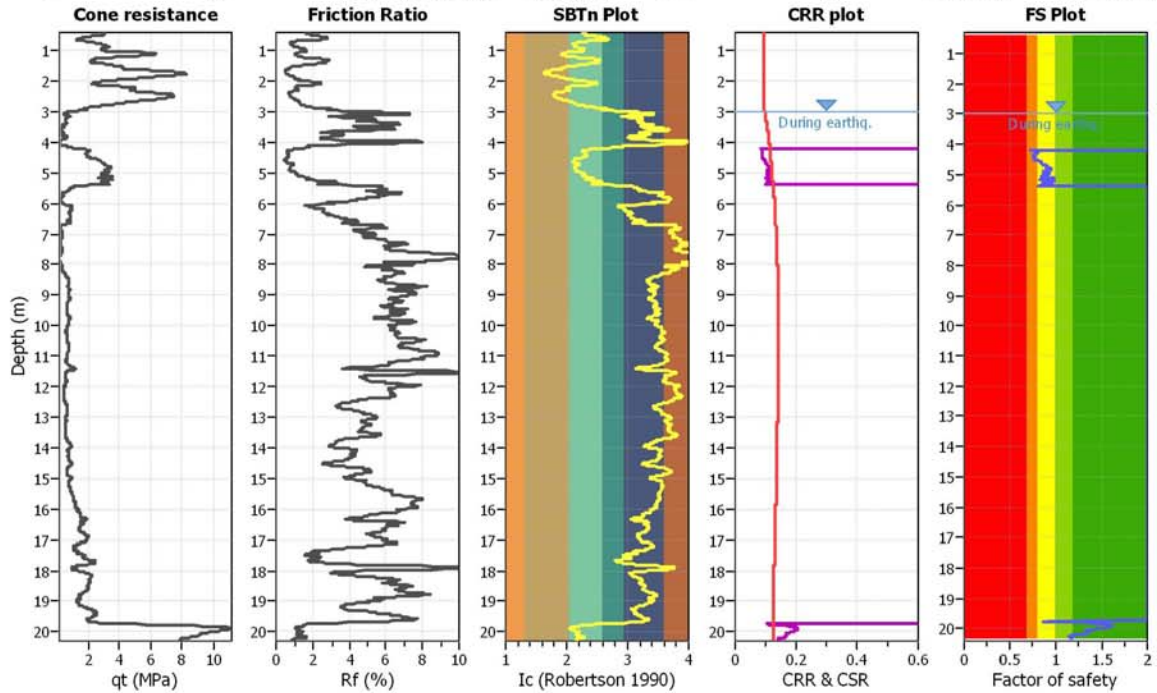
**Project title :**

**Location :**

**CPT file : 203010U992**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	3.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	3.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

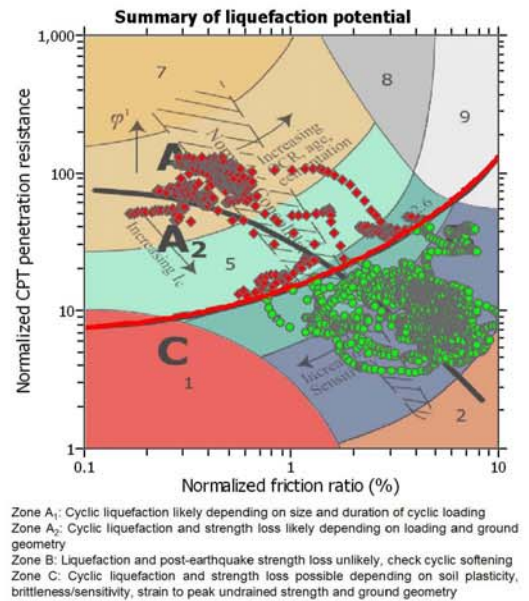
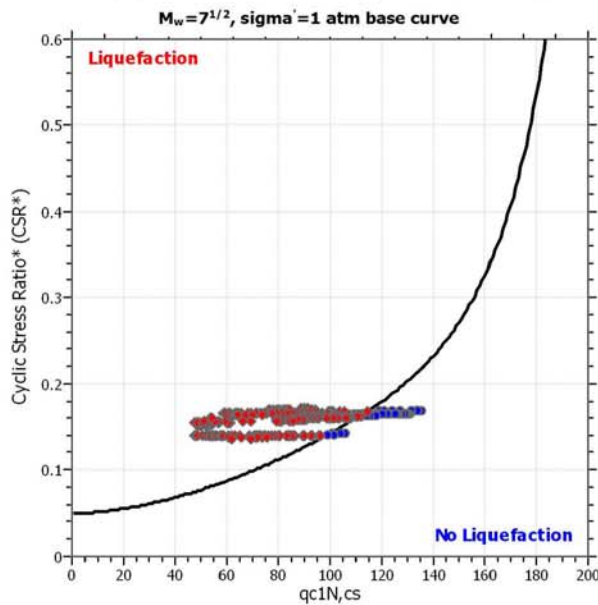
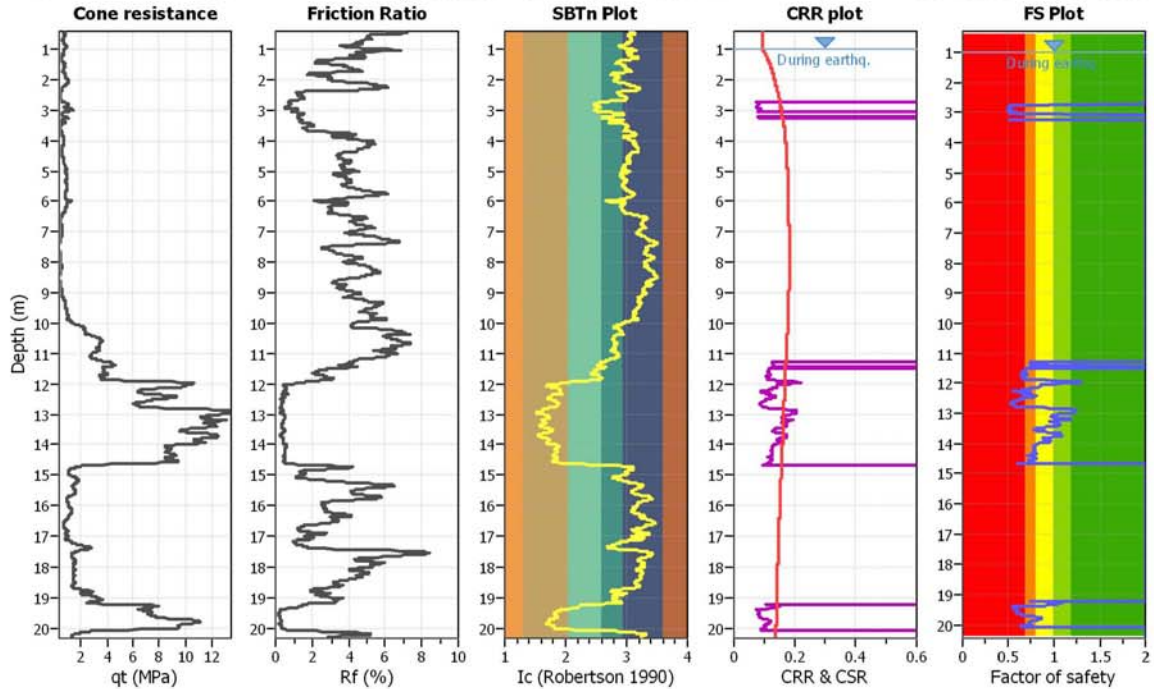
**Project title :**

**Location :**

**CPT file : 203010U993**

**Input parameters and analysis data**

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Fines correction method:	R&W (1998)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

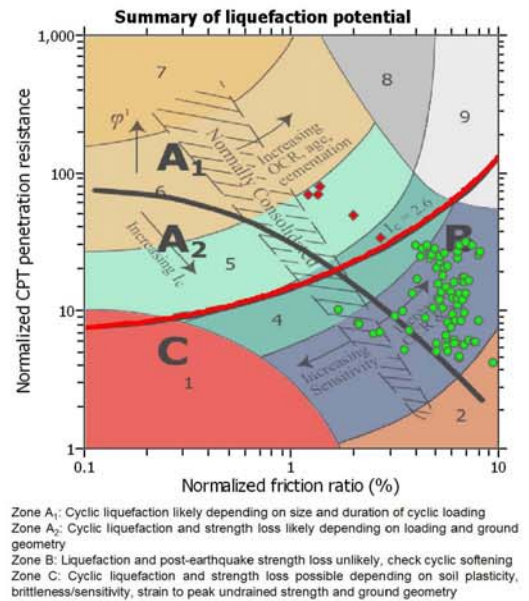
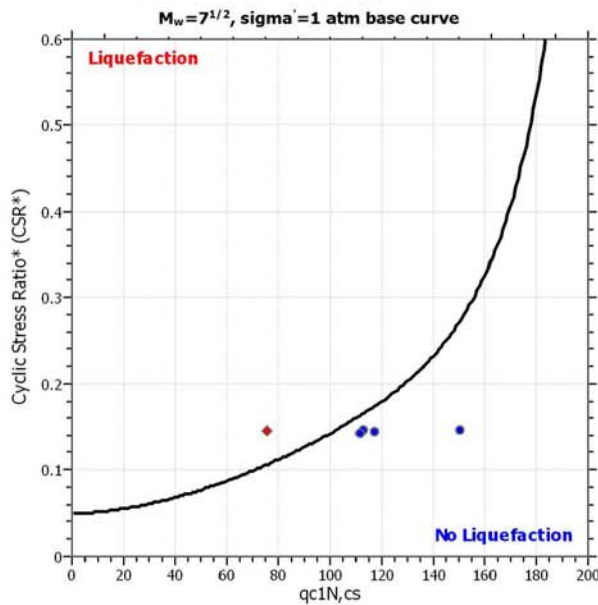
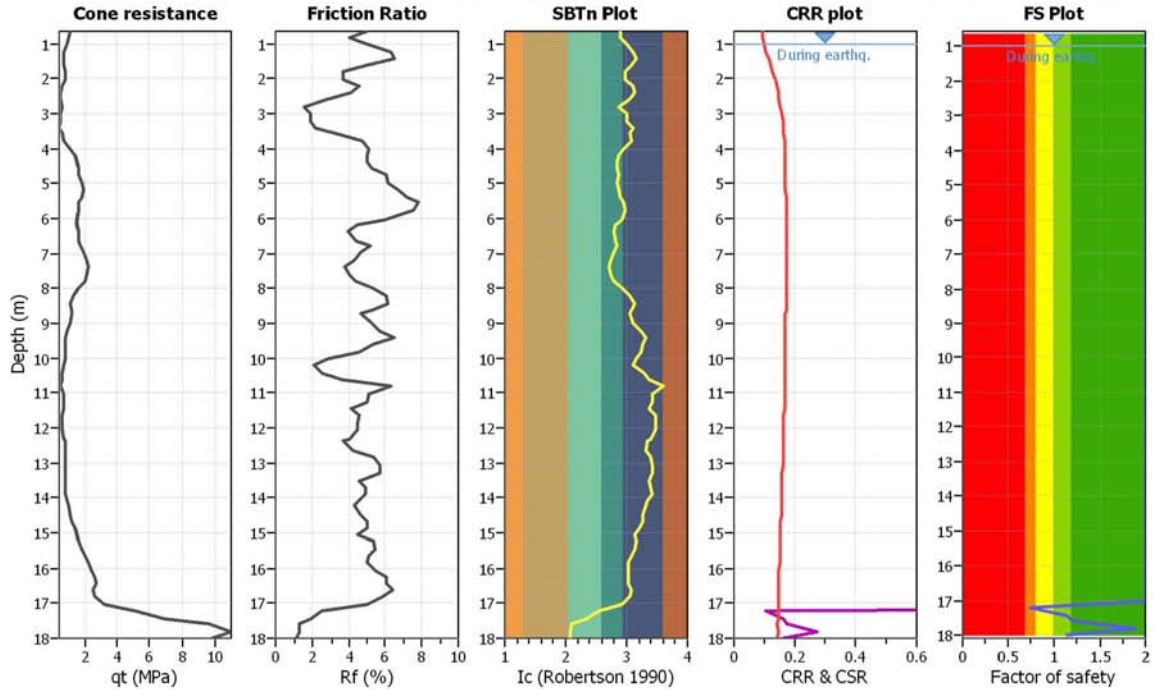
**Project title :**

**Location :**

**CPT file : 203020C063**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

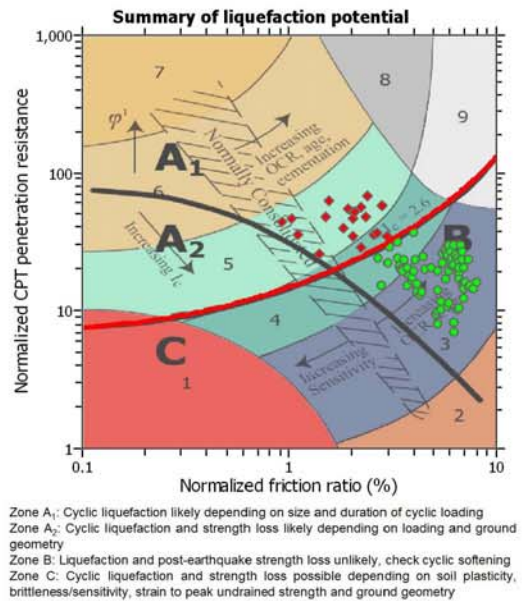
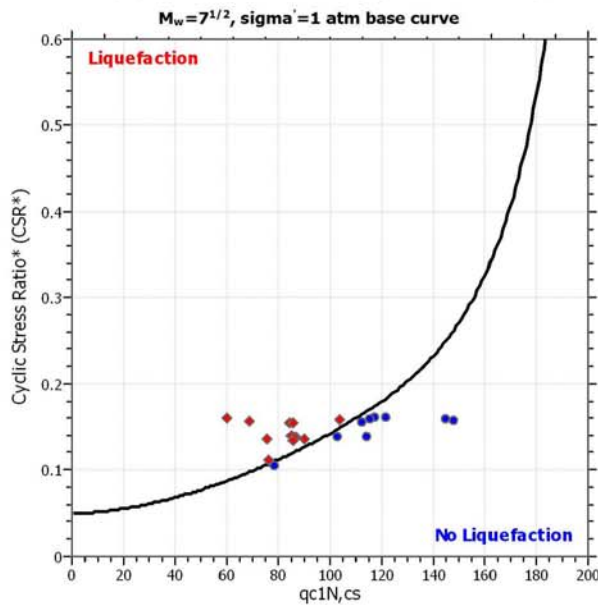
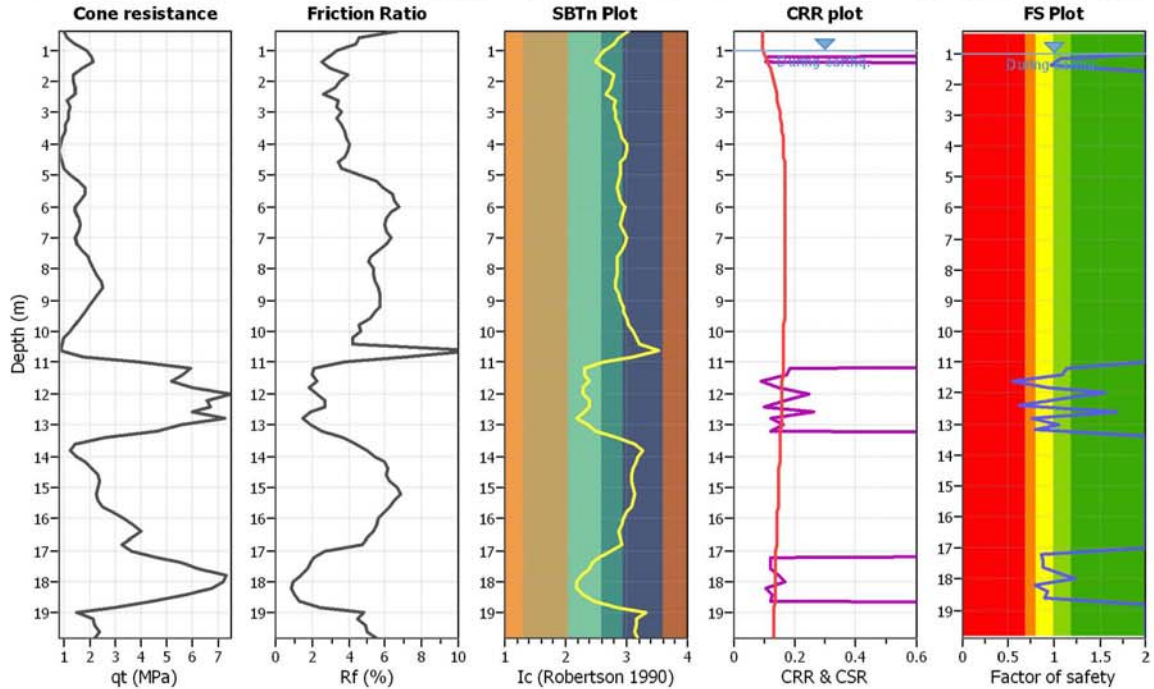
**Project title :**

**Location :**

**CPT file : 203020C064**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

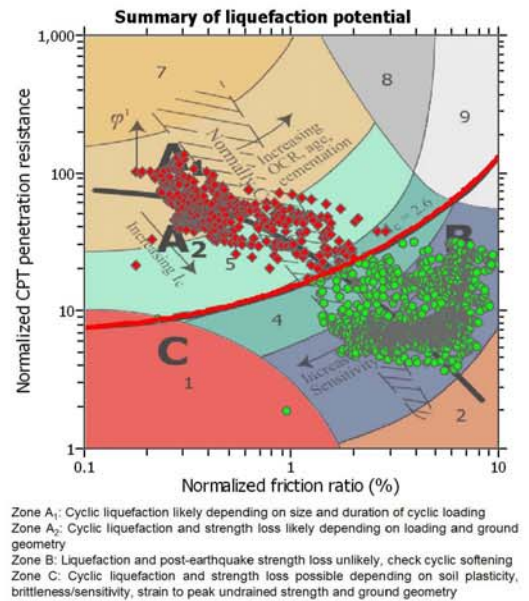
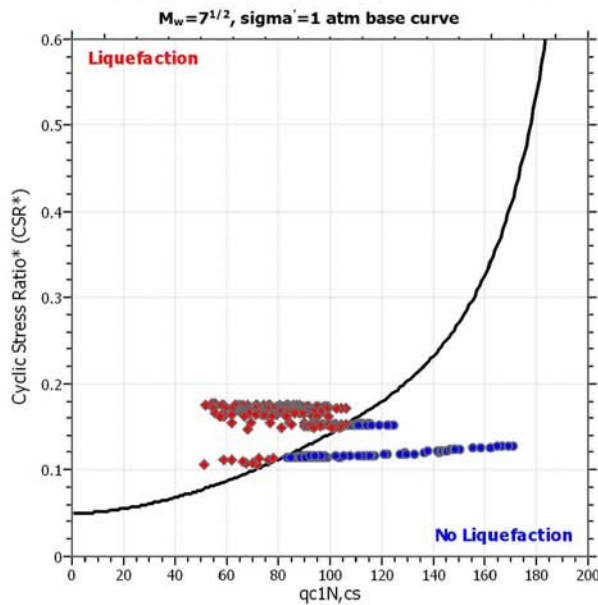
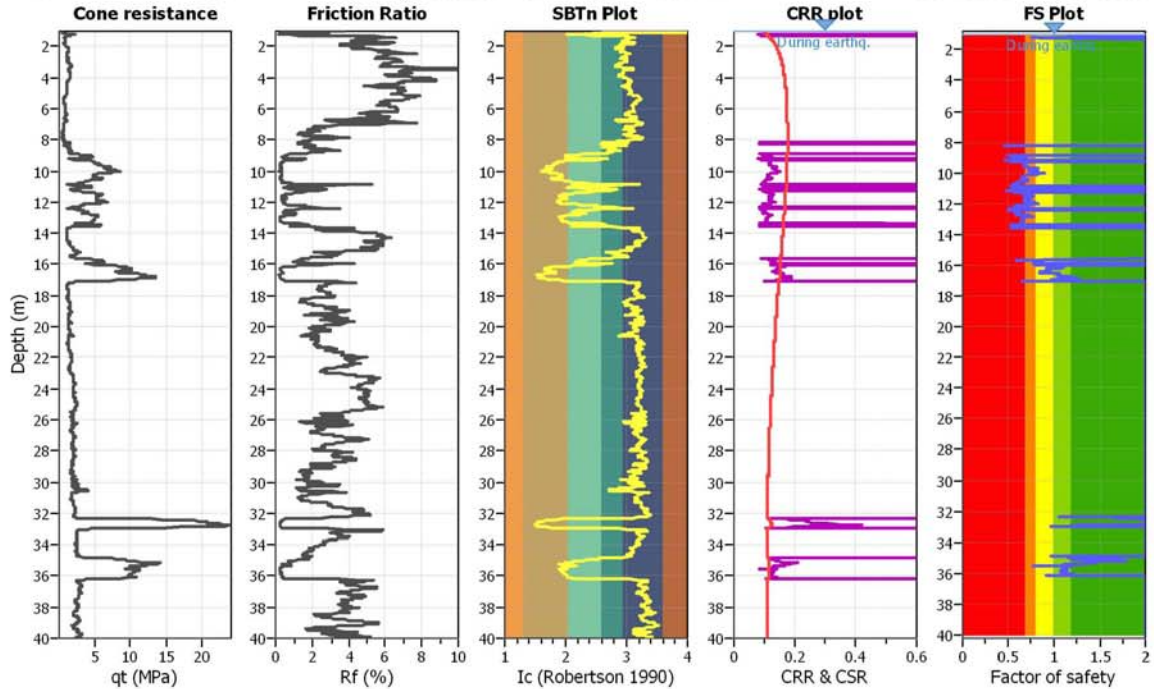
**Project title :**

**Location :**

**CPT file : 203020U095**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

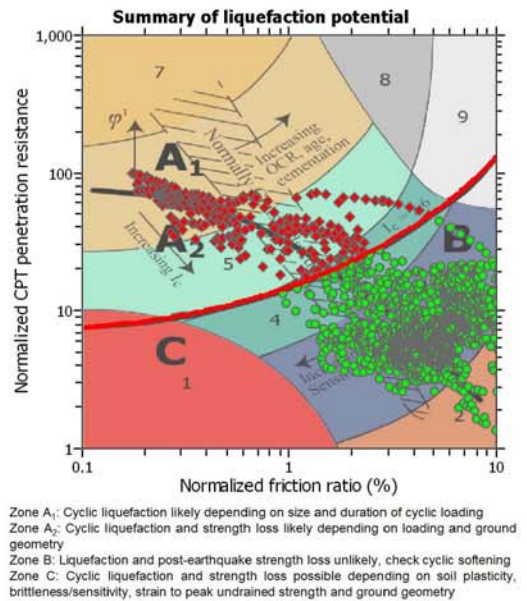
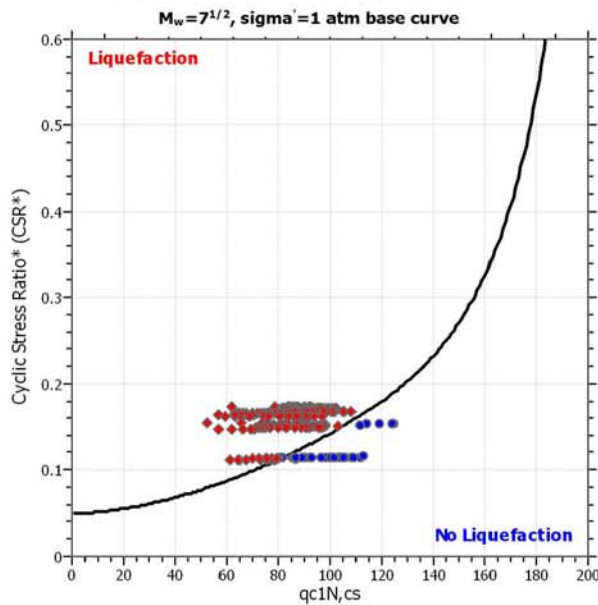
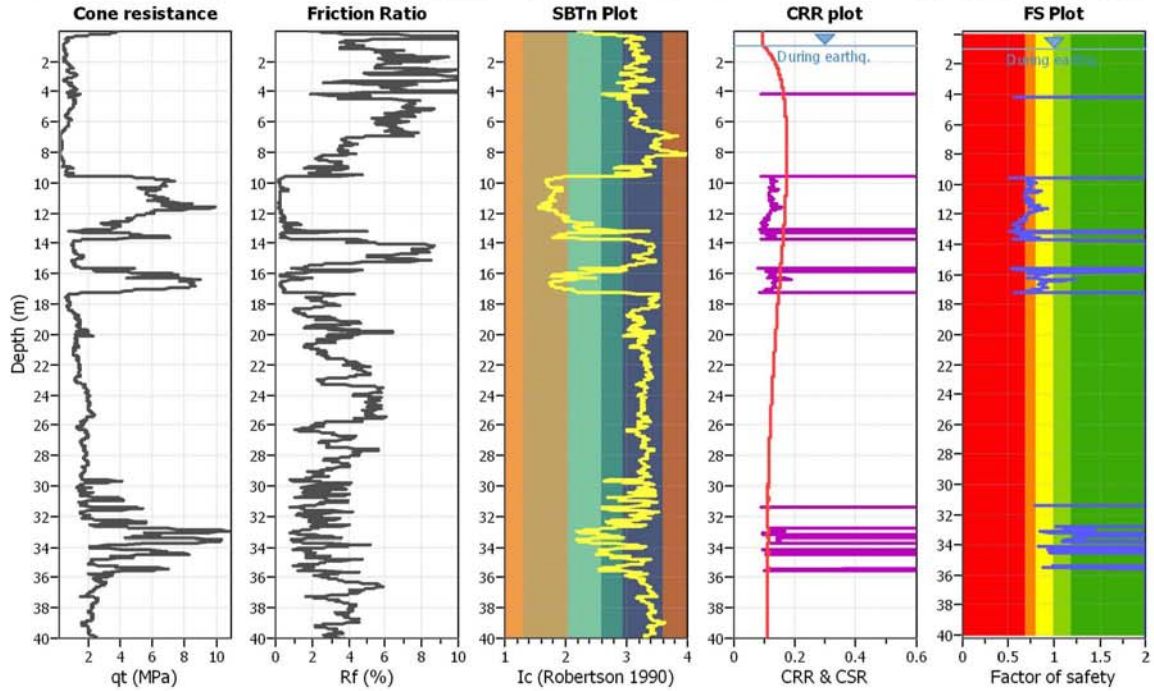
**Project title :**

**Location :**

**CPT file : 203020U096**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

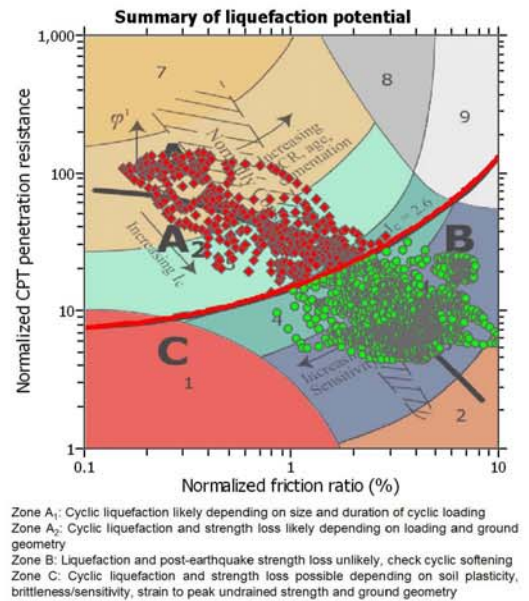
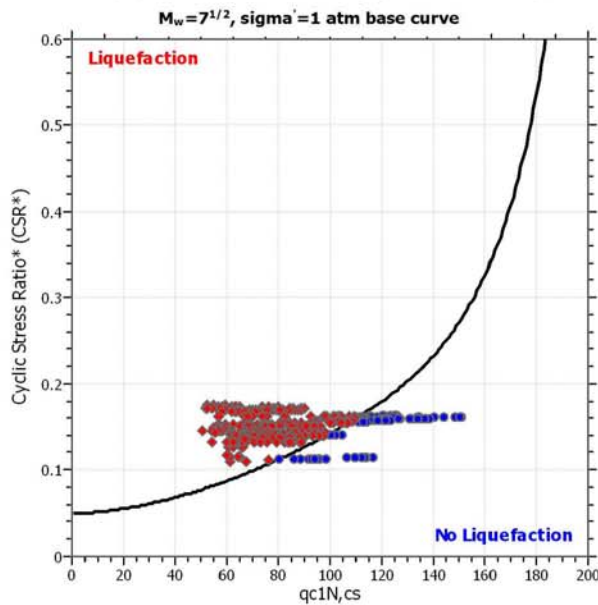
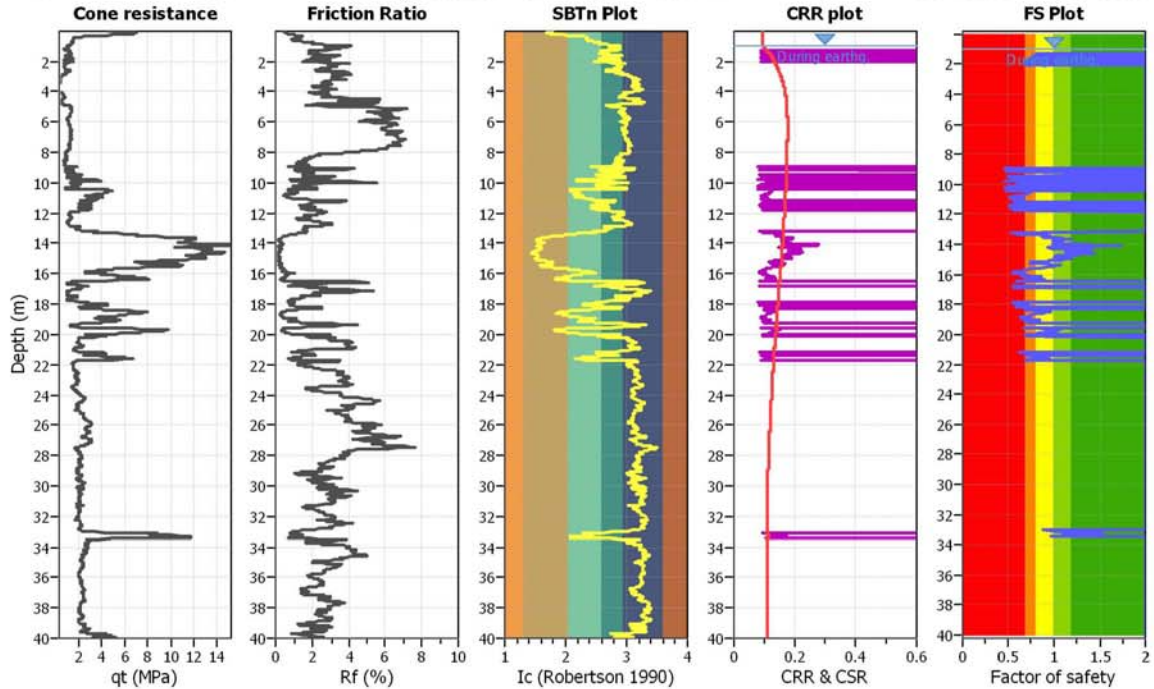
**Project title :**

**Location :**

**CPT file : 203020U097**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



**LIQUEFACTION ANALYSIS REPORT**

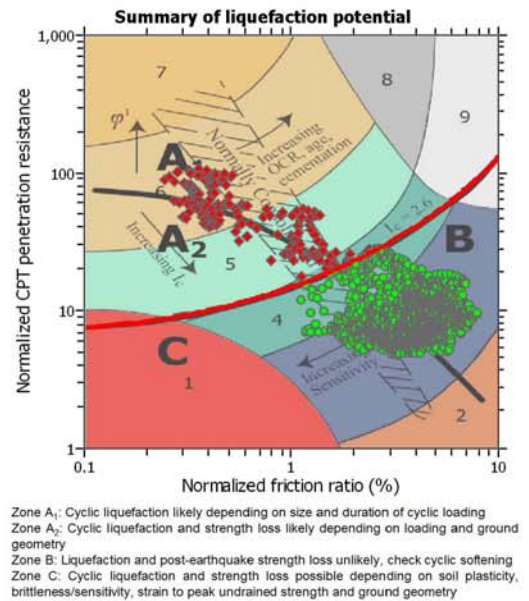
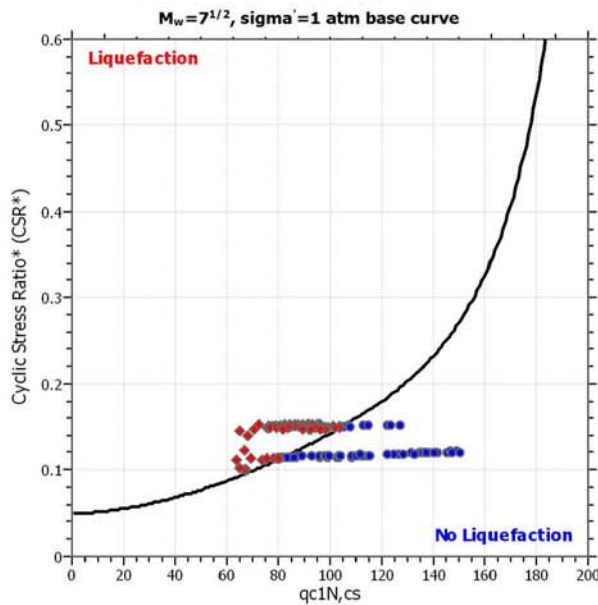
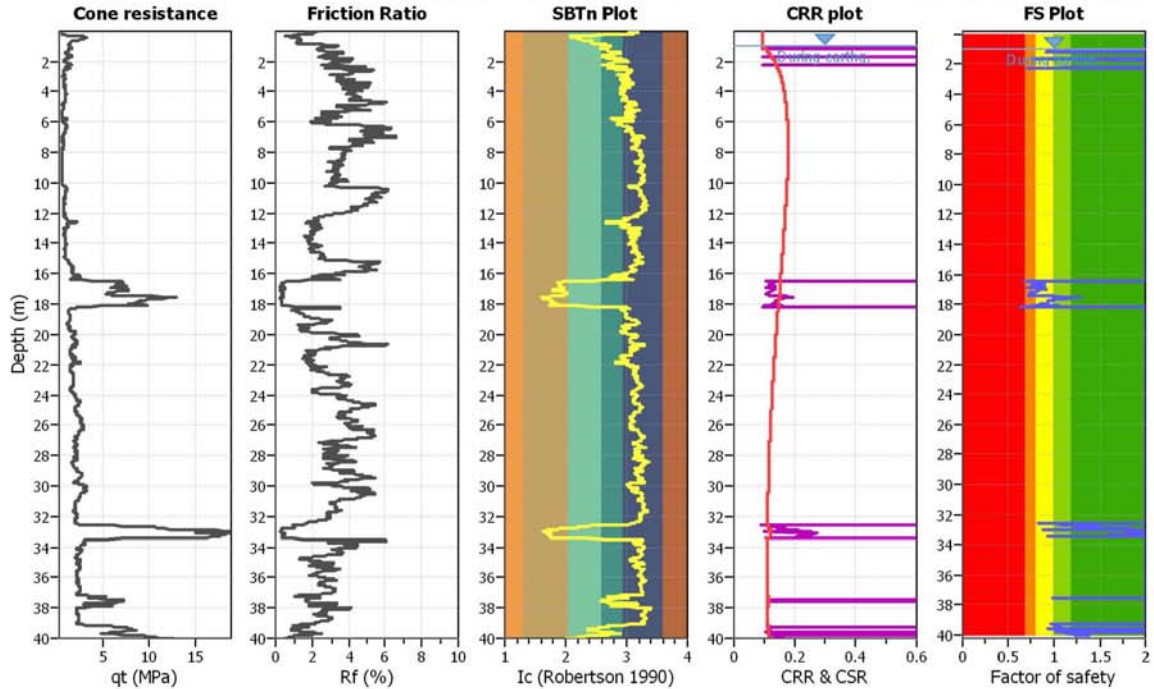
**Project title :**

**Location :**

**CPT file : 203020U098**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based





**LIQUEFACTION ANALYSIS REPORT**

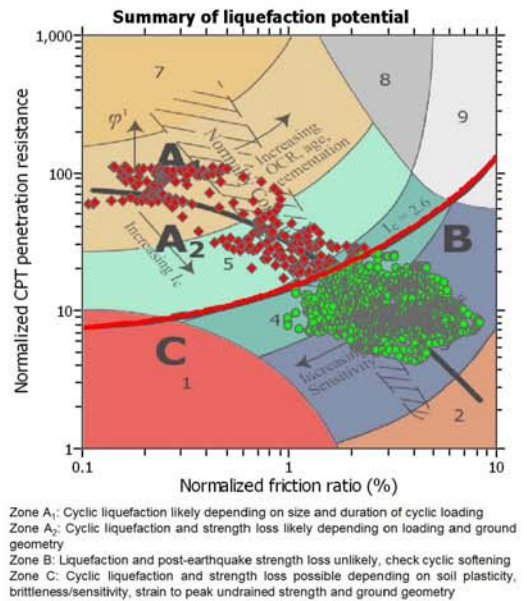
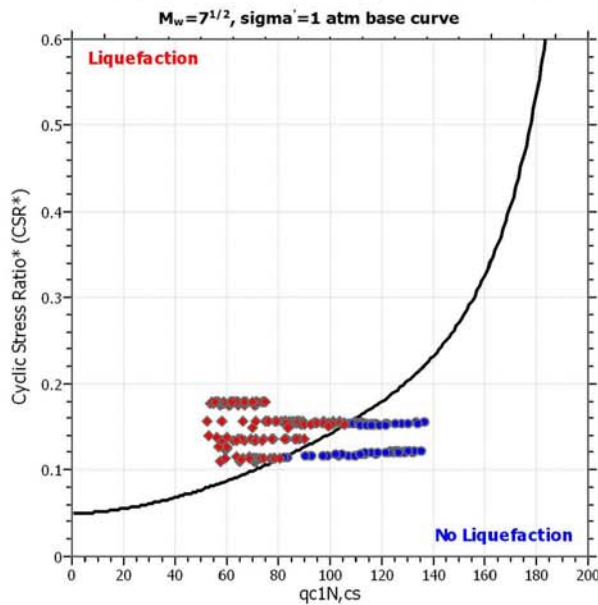
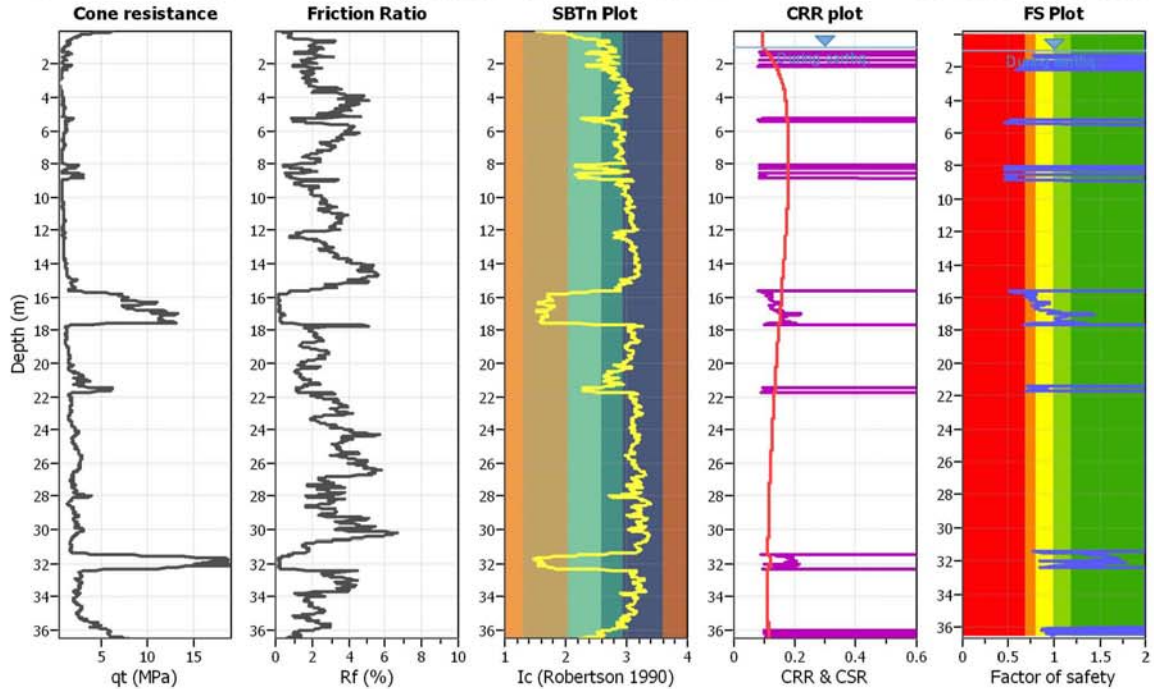
**Project title :**

**Location :**

**CPT file : 203020U099**

**Input parameters and analysis data**

Analysis method:	I&B (2008)	G.W.T. (in-situ):	1.00 m	Use fill:	No	Clay like behavior	
Fines correction method:	I&B (2008)	G.W.T. (earthq.):	1.00 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude $M_w$ :	6.14	Ic cut-off value:	2.60	Trans. detect. applied:	No	Limit depth:	N/A
Peak ground acceleration:	0.23	Unit weight calculation:	Based on SBT	$K_0$ applied:	Yes	MSF method:	Method based



Zone A<sub>1</sub>: Cyclic liquefaction likely depending on size and duration of cyclic loading  
 Zone A<sub>2</sub>: Cyclic liquefaction and strength loss likely depending on loading and ground geometry  
 Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening  
 Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

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