

Fiume Mincio

Opere idrauliche di II categoria

MN-E-394-M

CUP: **B64H15000070002**

CIG:



Progetto Definitivo / Esecutivo

Lotto **B**

ELABORATO

Verifica del rischio di liquefazione

UBICAZIONE OPERE
Comune di Mantova
Località Ponte dei Mulini

DATA: Agosto 2018

SCALA:

AGG. -

-

COMMITTENTE

AIPO - Ufficio operativo di Mantova

Vicolo Canove, 26 - 46100 Mantova

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fax. + 39 0376320464

e-mail: ufficio-mn@agenziapo.it

Raggruppamento temporaneo d'impresa

POLARIS - STUDIO ASSOCIATO



HYDRODATA S.p.a.



ENGEО S.r.l.



SAP S.r.l.



Responsabile unico del procedimento

Ing. Ivano Galvani

Il Coordinatore alla Progettazione

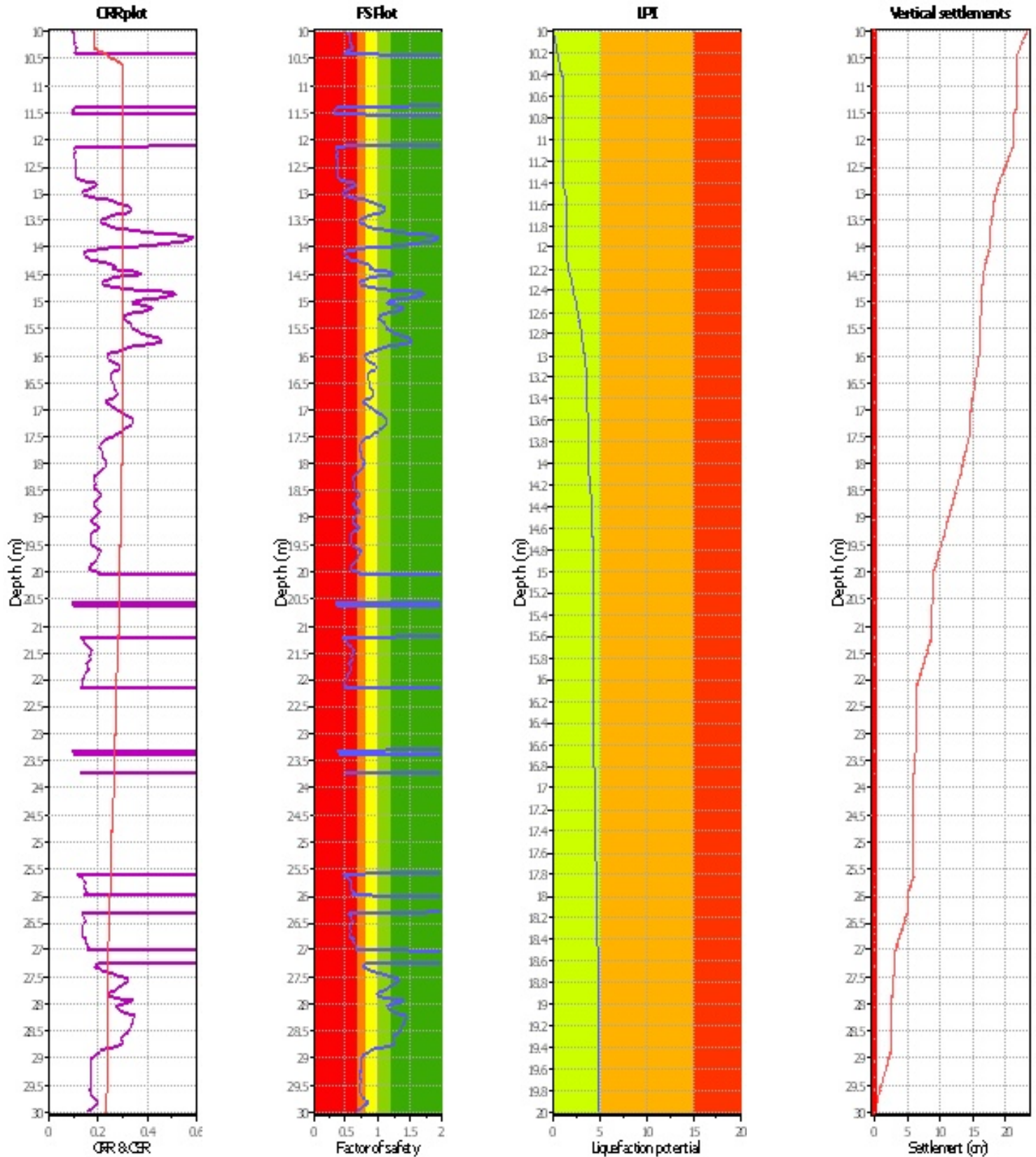
Ing. Marcello Moretti

Assistente

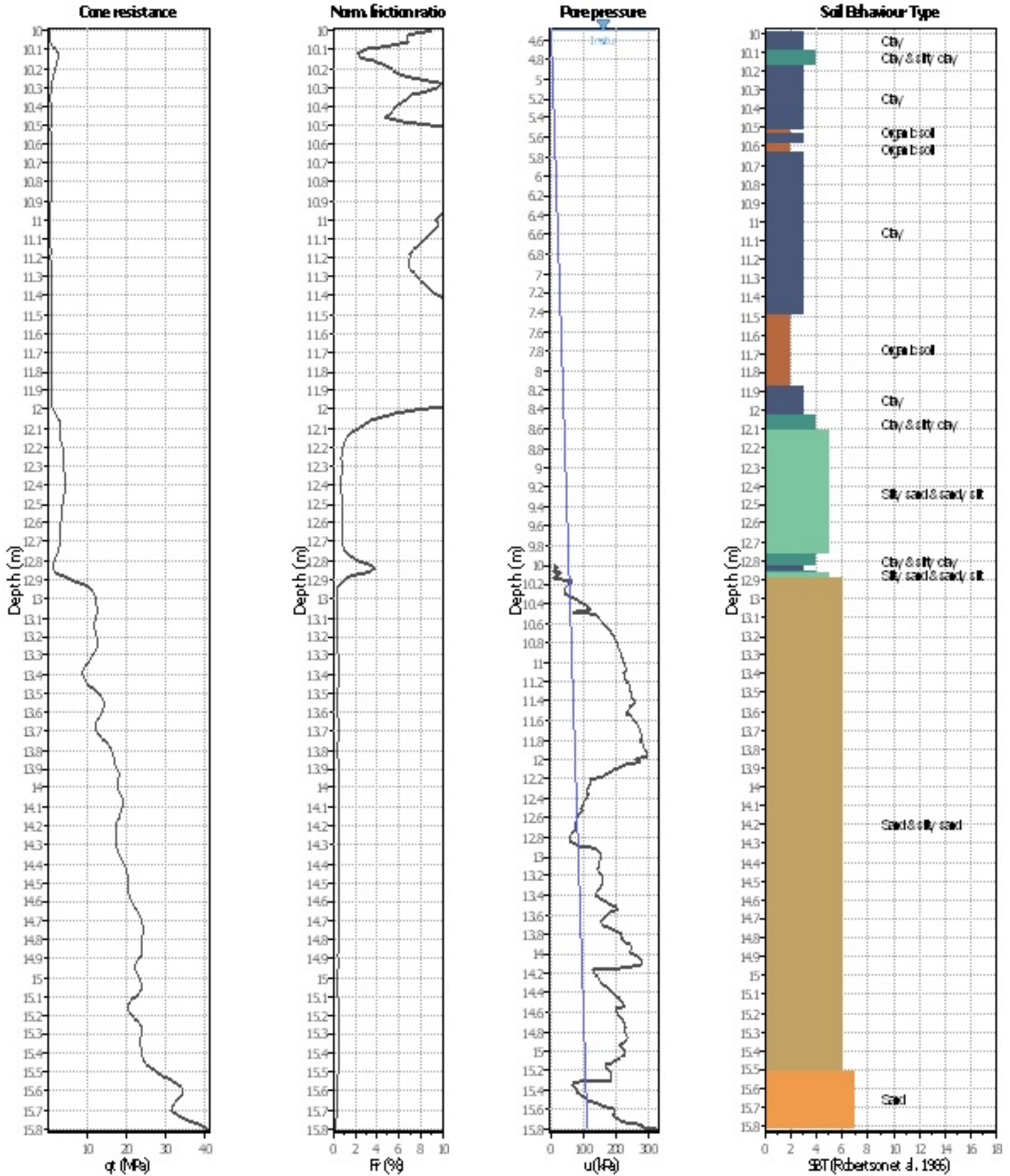
Dott. Paolo Michelini

Lavori di ripristino funzionale del manufatto a sostegno del Lago Superiore denominato "Vasarone", a seguito degli eventi sismici del 20 e 29 maggio 2012

2.b.12



Analysis method:	NCEER (1998)	G.W.T. (in-situ):	4.50 m	Use fill:	No	Clay like behavior	
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	2.50 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	6.45	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	Limit depth:	N/A
Peak ground acceleration:	0.15	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based



Analysis method:	NCEER (1998)	G.W.T. (in-situ):	4.50 m	Use fill:	No	Clay like behavior	
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	2.50 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	6.60	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	Limit depth:	N/A
Peak ground acceleration:	0.18	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based



Analysis method:	NCEER (1998)	G.W.T. (in-situ):	4.50 m	Use fill:	No	Clay like behavior	
Fines correction method:	NCEER (1998)	G.W.T. (earthq.):	2.50 m	Fill height:	N/A	applied:	Sands only
Points to test:	Based on Ic value	Average results interval:	3	Fill weight:	N/A	Limit depth applied:	No
Earthquake magnitude M_w :	6.60	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	Limit depth:	N/A
Peak ground acceleration:	0.18	Unit weight calculation:	Based on SBT	K_0 applied:	Yes	MSF method:	Method based