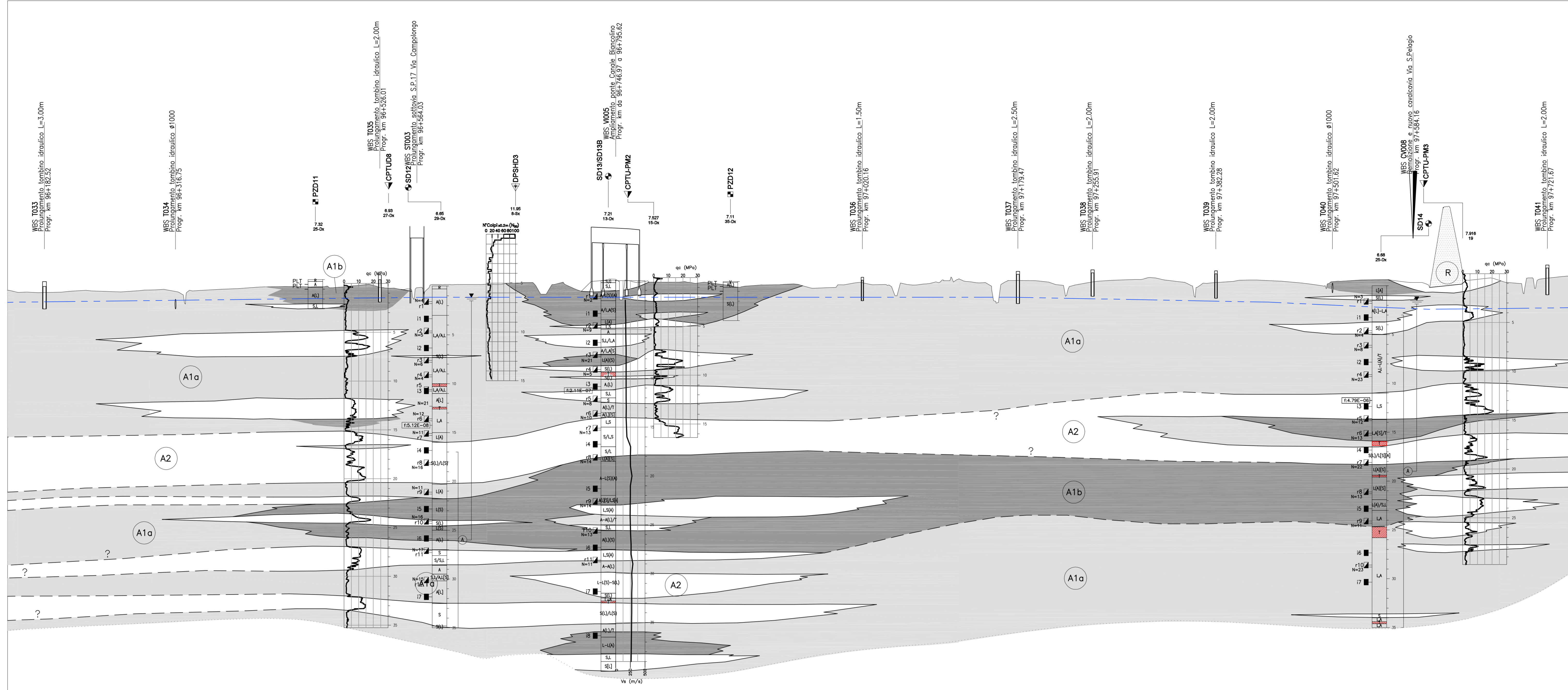


**LEGENDA GEOTECNICA**

A1a	Argilla limosa
A1b	Limo argilloso a tratti da debolmente sabbioso a sabbioso
A2	Sabbia limosa, sabbia con limo e limo con sabbia a tratti debolmente argilloso
R	Riparto



Scala Orizzontale 1: 2000  
Scala Verticale 1: 200

DISTANZE PROGRESSIVE	96150.00	96200.00	96250.00	96300.00	96350.00	96400.00	96450.00	96500.00	96550.00	96600.00	96650.00	96700.00	96750.00	96800.00	96850.00	96900.00	96950.00	97000.00	97050.00	97100.00	97150.00	97200.00	97250.00	97300.00	97350.00	97400.00	97450.00	97500.00	97550.00	97600.00	97650.00	97700.00							
QUOTE TERRENO (35m)	6.12	6.02	6.09	6.29	6.24	6.53	6.57	6.69	6.28	6.78	6.81	6.44	7.18	12.69	12.91	12.89	12.91	12.89	12.49	11.98	11.34	10.57	9.87	9.47	9.35	7.06	6.78	7.17	6.97	7.23	7.03	7.13	7.14	7.08	7.31	6.76	7.34	9.12	9.11
QUOTE PROGETTO	7.67	7.89	8.56	9.31	10.11	10.90	11.66	12.23	12.72	12.91	12.99	12.91	12.89	12.49	11.98	11.34	10.57	9.87	9.47	9.35	7.06	6.78	7.17	6.97	7.23	7.03	7.13	7.14	7.08	7.31	6.76	7.34	9.12	9.11					
ETTOMETRICHE	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977																							

**LEGENDA GEOTECNICA**

**PROGETTO DEFINITIVO (CAMPAGNA 2011)**  
SONDAGGIO GEOSTRUTTURALE

**PROGETTO PRELIMINARE (CAMPAGNA 2009)**  
SONDAGGIO GEOSTRUTTURALE

**INDAGINI PREGRESSE**

S1/03 - S1/05 SONDAGGIO GEOSTRUTTURALE - AREA SERVIZIO S. PELAGIO (CAMPAGNA 2003 - 2005)

S1 SONDAGGIO GEOSTRUTTURALE - INTERCONNESSIONE A13-A4 (CAMPAGNA 1998)

Cpte2-Cpte3 CPE - INTERCONNESSIONE A13-A4 (CAMPAGNA 1998)

**LEGENDA PROFILO**

TERRENO 35m in Dx

PROGETTO

LIMITE STRATIGRAFICO RIFERITO AL PROFILO DEL TERRENO

LIMITE STRATIGRAFICO INCERTO

LIVELLO DI FALDA ELABORATO INTERPOLANDO I DATI DEL MONITORAGGIO EFFETTUATO NEI POZZI E NEI PIEZOMETRI

**INDIVIDUAZIONE ELEMENTI RAPPRESENTATI SUL PROFILO**

**SONDAGGIO O POZZETTO GEOSTRUTTURALE**

Identificazione sondaggio o pozzetto

8.00 Quota (n m s.l.m.)

30-Dx Posizione rispetto all'asse autostrada

**PROVE IN FORO:**

Prove SPT: valori di Nsp in colpi/30cm

Prova di carico su piastra: sigla

CAMPIONI: Identificazione tipo (i=indisturbato, r=rimontaggio) e n° di ordine

Prove di permeabilità: tipo di prova (i=slugon, f=lefranc) e coefficiente di permeabilità (m/s)

Nota: I livelli di falda riportati sui profili geotecnici fanno riferimento ai valori di soggiacenza minima registrati ai piezometri durante le serie di letture dal Maggio 2009 al Dicembre 2011. Essi non costituiscono dei livelli di falda di progetto; come livello della falda di progetto si suggerisce di adottare soggiacenze minori da definirsi di volta in volta in relazione al tipo di problema geotecnico da affrontare.

**PIEZOMETRO:**

indica il livello di falda stabilizzata rilevato;

delimita il tratto filtrante

indica il tipo di piezometro secondo lo schema seguente:  
X=A(tubo aperto), C(tipo Casagrande)

**CLASSI BASILARI**

R=MATERIALE DI RIPORTO  
V=TERRENO VEGETALE  
S=SABBIA  
L=LIMO  
A=ARGILLA  
T=TORBA

**CLASSI INTERMEDIE TERRENI**

esempio  
50 - 50 e SL=sabbia e limo  
50 - 25 con SL=sabbia con limo  
25 - 10 - oss./oso SL=sabbia limosa  
10 - 5 deb. - oss./osa SL=sabbia deb.

**ALTERNANZE, INTERCALAZIONI E INCLUSIONI**

S=L=alternanza particelle di sabbia e limo  
S/L=alternanza subordinate di limo in sabbia

**CPTU**

Valori della resistenza alla punta (q) (MPa)

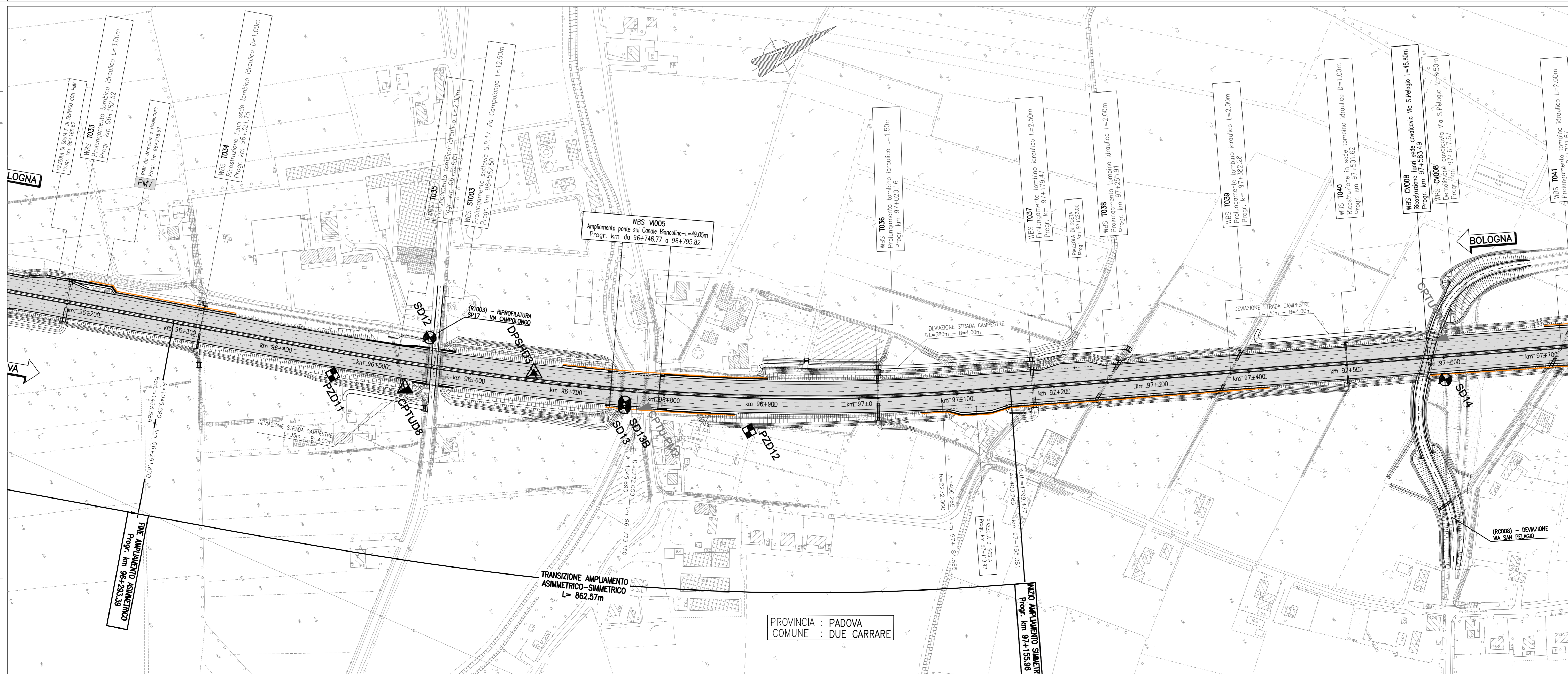
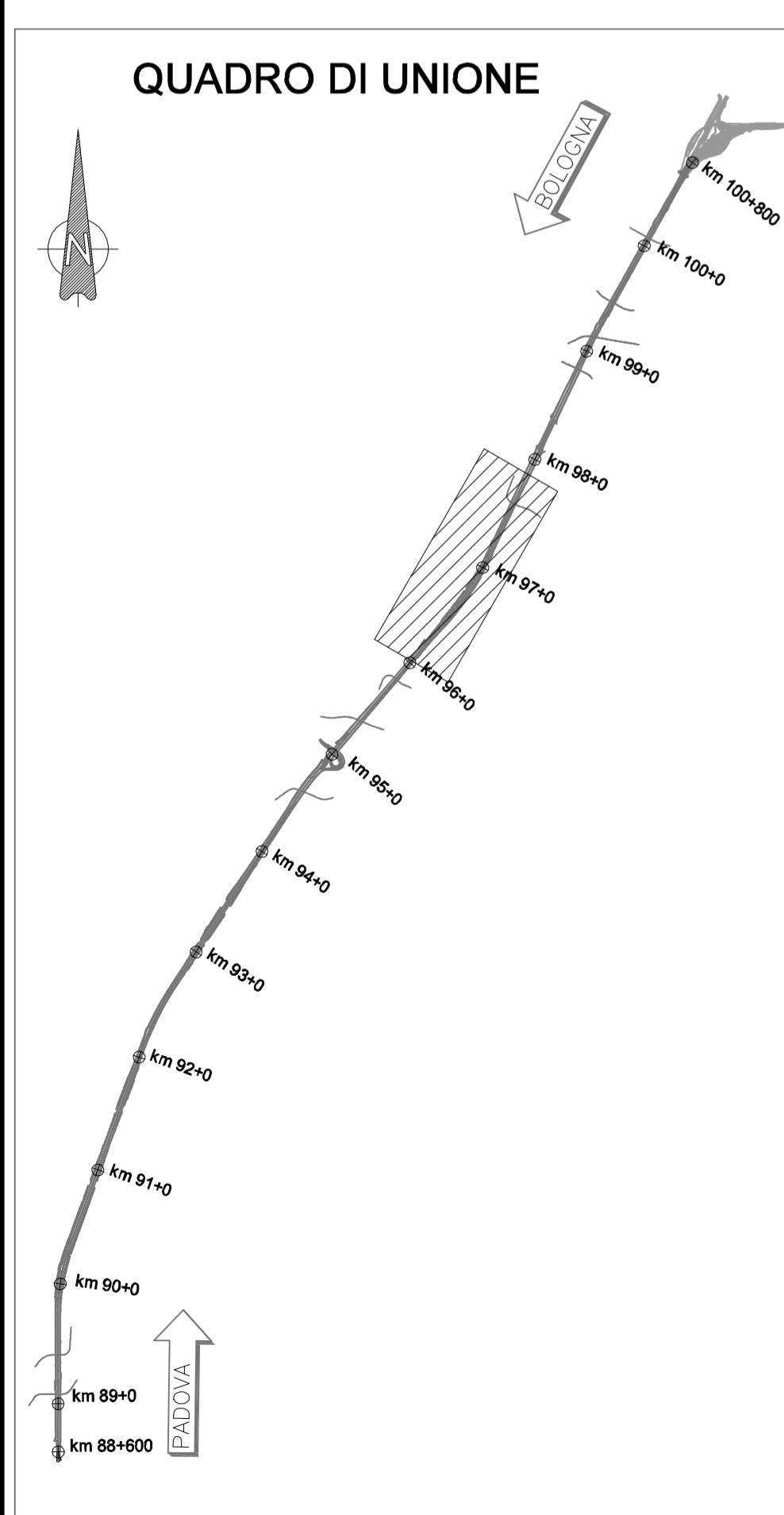
**DPSH**

Valori della velocità di taglio (V<sub>90</sub>) (m/s)

**CROSS-HOLE**

Valori della velocità di taglio (V<sub>90</sub>) (m/s)

Profondità in m



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**AUTOSTRADA (A13) : BOLOGNA-PADOVA**

**AMPLIAMENTO ALLA TERZA CORSIA**  
**TRATTO : MONSELICE - PADOVA SUD**

**PROGETTO DEFINITIVO**

**DOCUMENTAZIONE GENERALE**

**GEOTECNICA**  
**PROFILO GEOTECNICO - TAV. 6 di 8**  
dal km 96+175 al km 97+700

<b>IL PROGETTA SPECIALISTICO</b> Ing. Marco Ruffo D'Agostino Ord. Ingg. Milano N. 20155 RESPONSABILE GEOTECNICA ALCANTARA	<b>IL RESPONSABILE INTERPRETAZIONE PRESTAZIONI SPECIALISTICHE</b> Ing. Boris Lovander Ord. Ingg. Milano N. 29830	<b>IL DIRETTORE TECNICO</b> Ing. Orlando Mazzini Ord. Ingg. Padova N. 1496																																																						
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**ALCANTARA**

**spea ENGINEERING**

**Atlantia**

**VEDO DEL COMMITTENTE**

**VEDO DEL CONCESSIONARIO**

**Ministero delle Infrastrutture e dei Trasporti**