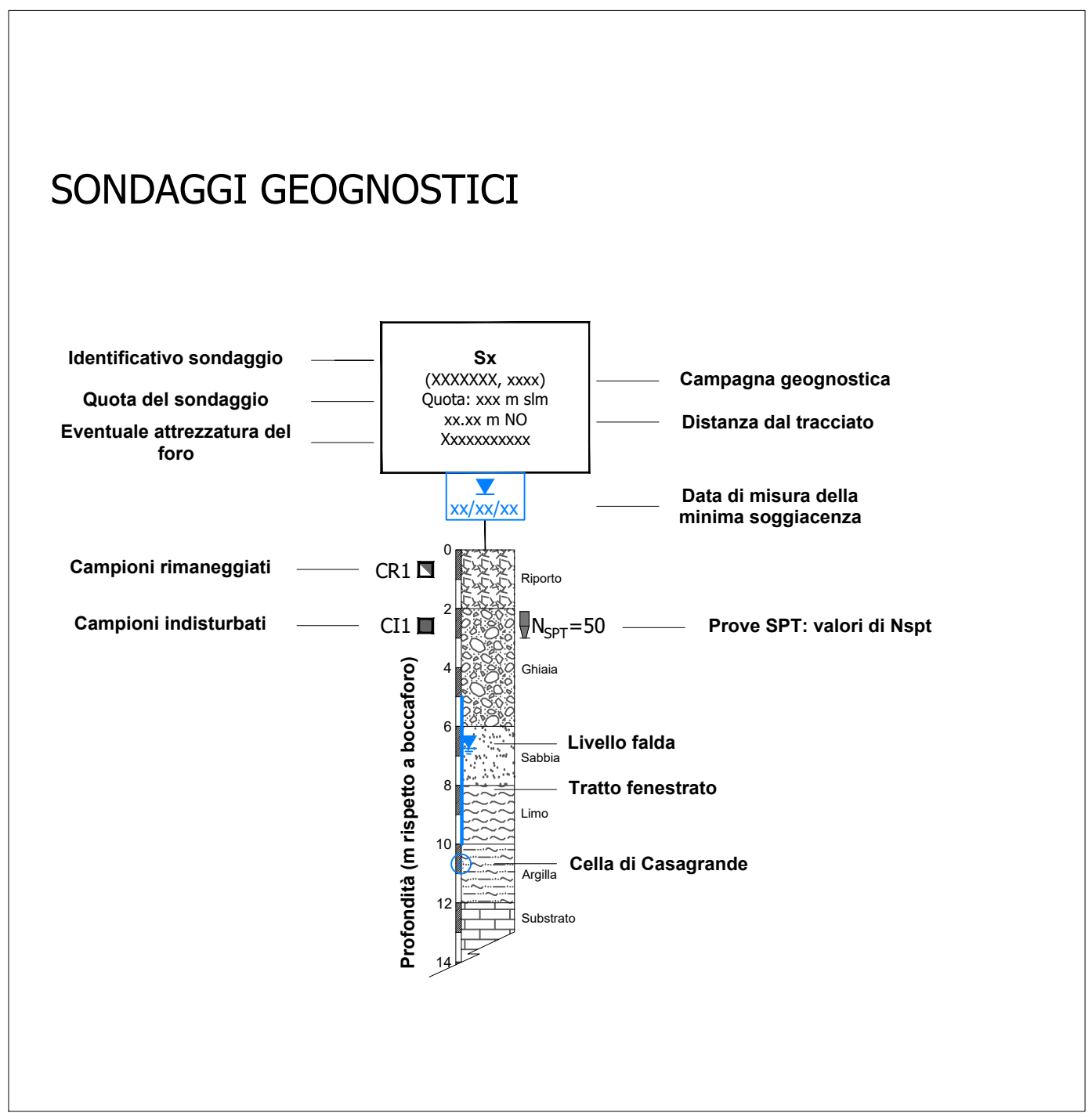
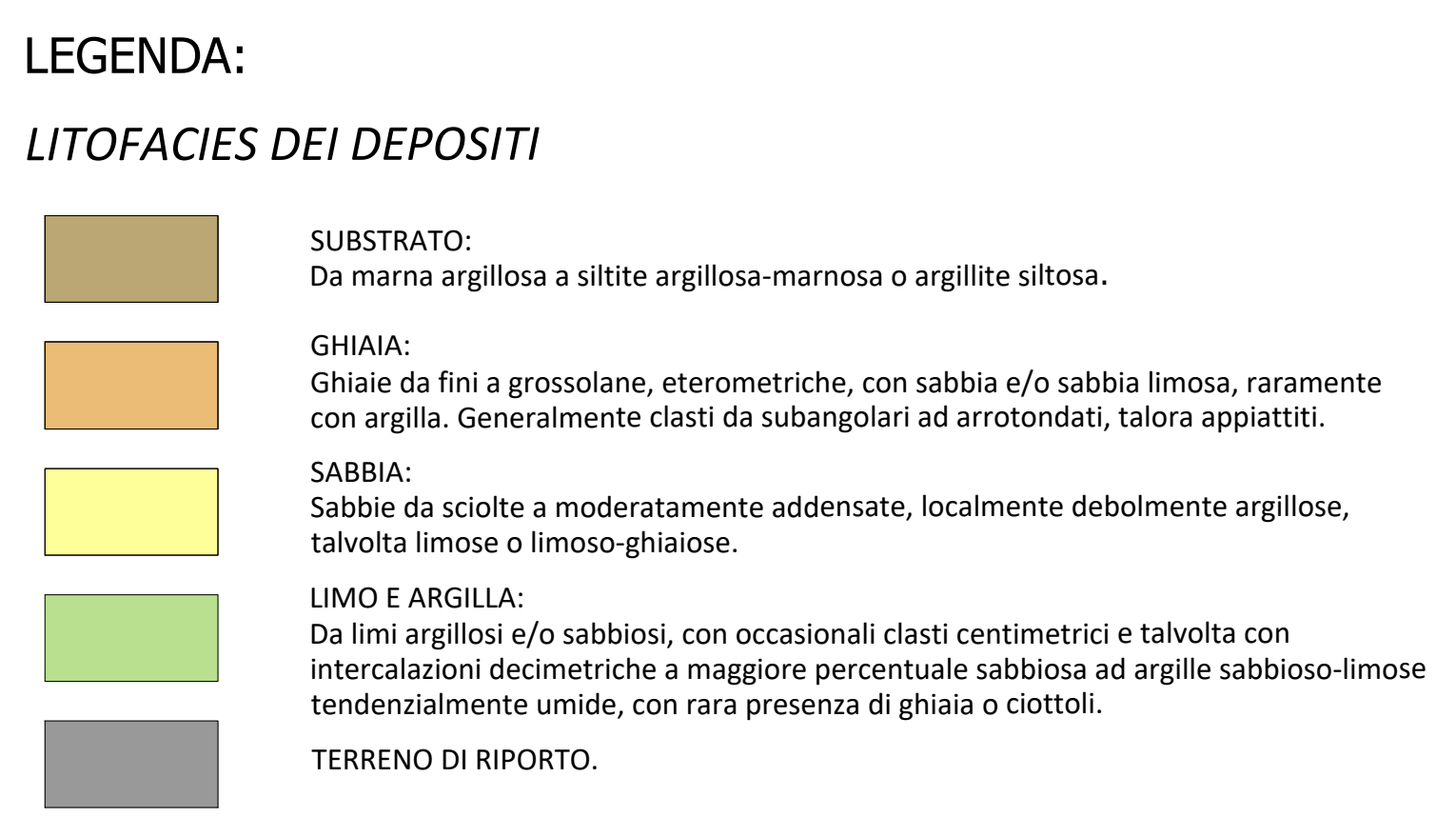




*Al fine della rappresentazione grafica, i sondaggi S1-25+804 (2019), S5 (2020), S1-26+177 (2019) e S7 (2009) sono stati leggermente spostati tra loro per impedire la loro sovrapposizione e permettere la visualizzazione di tutte le informazioni acquisite durante l'esecuzione.*

Voghera  
→



Contatti stratigrafici  
Contatti stratigrafici presunti

Quota di falda misurata in for

Livello di falda

|                                                                                     |                            |
|-------------------------------------------------------------------------------------|----------------------------|
|  | Down Hole                  |
|  | Prove CPT                  |
|  | Prove di carico su piastra |
|  | Prove MASW e HVSR          |
|  |                            |

The diagram shows a vertical line representing the railway track, with a horizontal line indicating the location of the Pontecurone station. To the right of the track, there are two curved lines representing the iron planes: a green line for the existing plane and a red line for the plane in project. The text 'Pontecurone' is written next to the station location, and 'Toponimi' is written below it.

| Profondità di prova (m) | qc (kg/cm²) |
|-------------------------|-------------|
| 0                       | 100         |
| 0.5                     | 110         |
| 1.0                     | 130         |
| 1.5                     | 140         |
| 2.0                     | 120         |
| 2.5                     | 100         |
| 3.0                     | 90          |
| 4.0                     | 85          |
| 5.0                     | 80          |
| 6.0                     | 80          |
| 7.0                     | 80          |
| 8.0                     | 80          |
| 9.0                     | 80          |
| 10.0                    | 80          |

| COMMITTEE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| <div><div></div><div><div>RFI</div><div>RETE FERROVIARIA ITALIANA</div><div>GRUPPO FERROVIE DELLO STATO ITALIANE</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROGETTAZIONE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div><div></div><div><div>ITALFERRA</div><div>GRUPPO FERROVIE DELLO STATO ITALIANE</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CUP: J71H92000020011                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| U.O. GEOLOGIA TECNICA, DELL'AMBIENTE E DEL TERRITORIO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PROGETTO DI FATTIBILITA' TECNICO ECONOMICA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VELOCIIZZAZIONE DELLA LINEA MILANO - GENOVA<br>QUADRUPLICAMENTO TORTONA-VOGHERA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GEOLOGIA<br>PROFILO GEOLOGICO DA PK 58+406 A PK 60+332<br>TAV. 3/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SCALA:<br><div>1:2.000/200</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA PROGR. REV.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <div>IQ0101R69F6GE0001003A</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |              |             |                                                                  |             |                                  |             |                                             |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><thead><tr><th>Rev.</th><th>Descriptione</th><th>Redatto</th><th>Data</th><th>Verificato</th><th>Data</th><th>Approvato</th><th>Data</th><th>Autorizzato Data</th></tr></thead><tbody><tr><td>A</td><td>Emissione esecutiva</td><td>G. Bernagoli</td><td>Luglio 2011</td><td>F. De Luca<br/><i>(firma)</i><br/>M. Berlingieri<br/><i>(firma)</i></td><td>Agosto 2011</td><td>M. Berlingieri<br/><i>(firma)</i></td><td>Agosto 2011</td><td>M. Comberi<br/><i>(firma)</i><br/>Agosto 2011</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> | Rev.                | Descriptione | Redatto     | Data                                                             | Verificato  | Data                             | Approvato   | Data                                        | Autorizzato Data | A | Emissione esecutiva | G. Bernagoli | Luglio 2011 | F. De Luca<br><i>(firma)</i><br>M. Berlingieri<br><i>(firma)</i> | Agosto 2011 | M. Berlingieri<br><i>(firma)</i> | Agosto 2011 | M. Comberi<br><i>(firma)</i><br>Agosto 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Rev.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Descriptione        | Redatto      | Data        | Verificato                                                       | Data        | Approvato                        | Data        | Autorizzato Data                            |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Emissione esecutiva | G. Bernagoli | Luglio 2011 | F. De Luca<br><i>(firma)</i><br>M. Berlingieri<br><i>(firma)</i> | Agosto 2011 | M. Berlingieri<br><i>(firma)</i> | Agosto 2011 | M. Comberi<br><i>(firma)</i><br>Agosto 2011 |                  |   |                     |              |             |                                                                  |             |                                  |             |                                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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