

555'000

560'000

565'000

Microzonage sismique spectral (MSS)
CHABLAIS
 Résonance SA
 Mise à jour valaisanne 2010



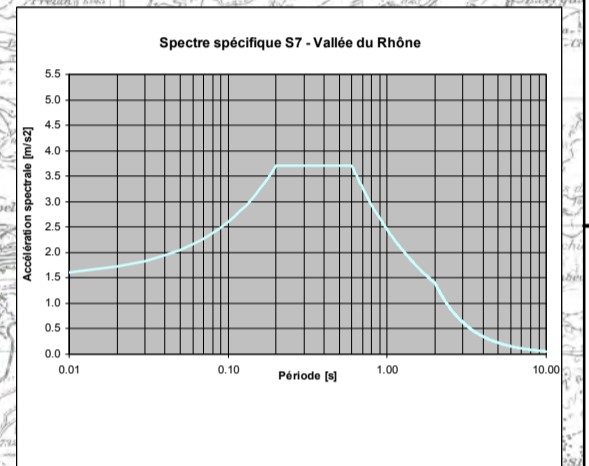
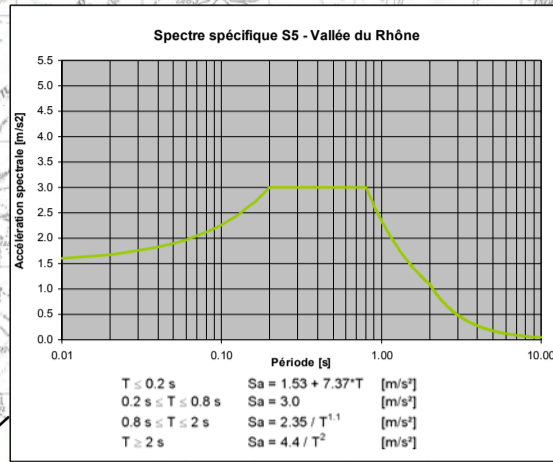
0 1 2 Kilomètres

Sols de fondation

- Classe C selon SIA 261
- Classe D selon SIA 261

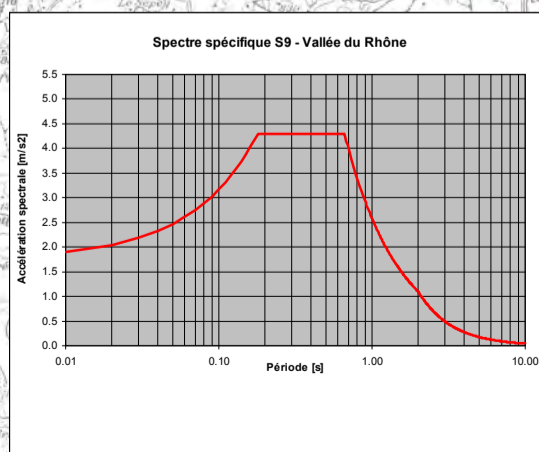
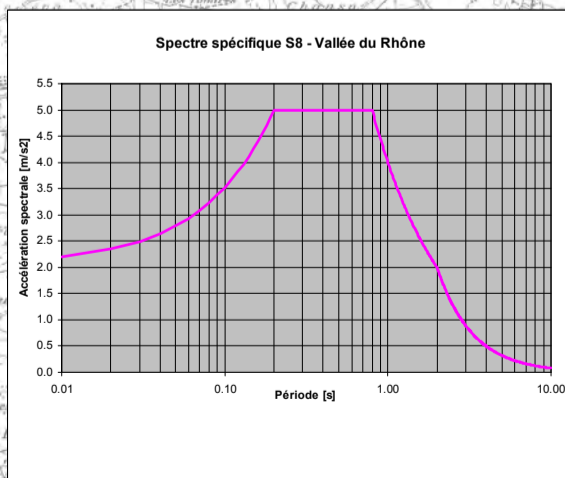
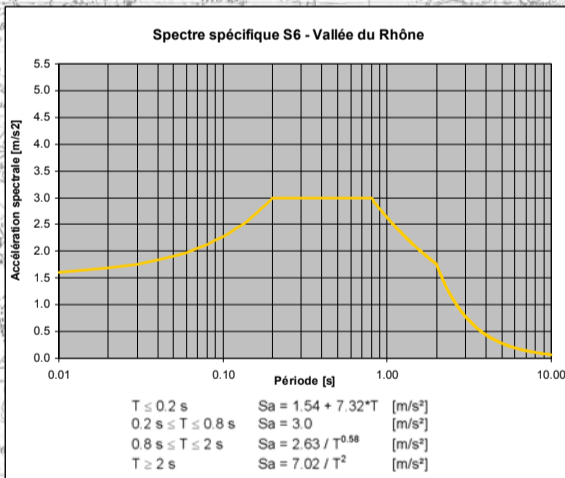
Microzonage spectral

- zone S5
- zone S6
- zone S7
- zone S8
- zone S9



Classe C selon SIA 261

Classe D selon SIA 261



555'000

560'000

565'000

135'000

130'000

125'000

120'000

135'000

130'000

125'000

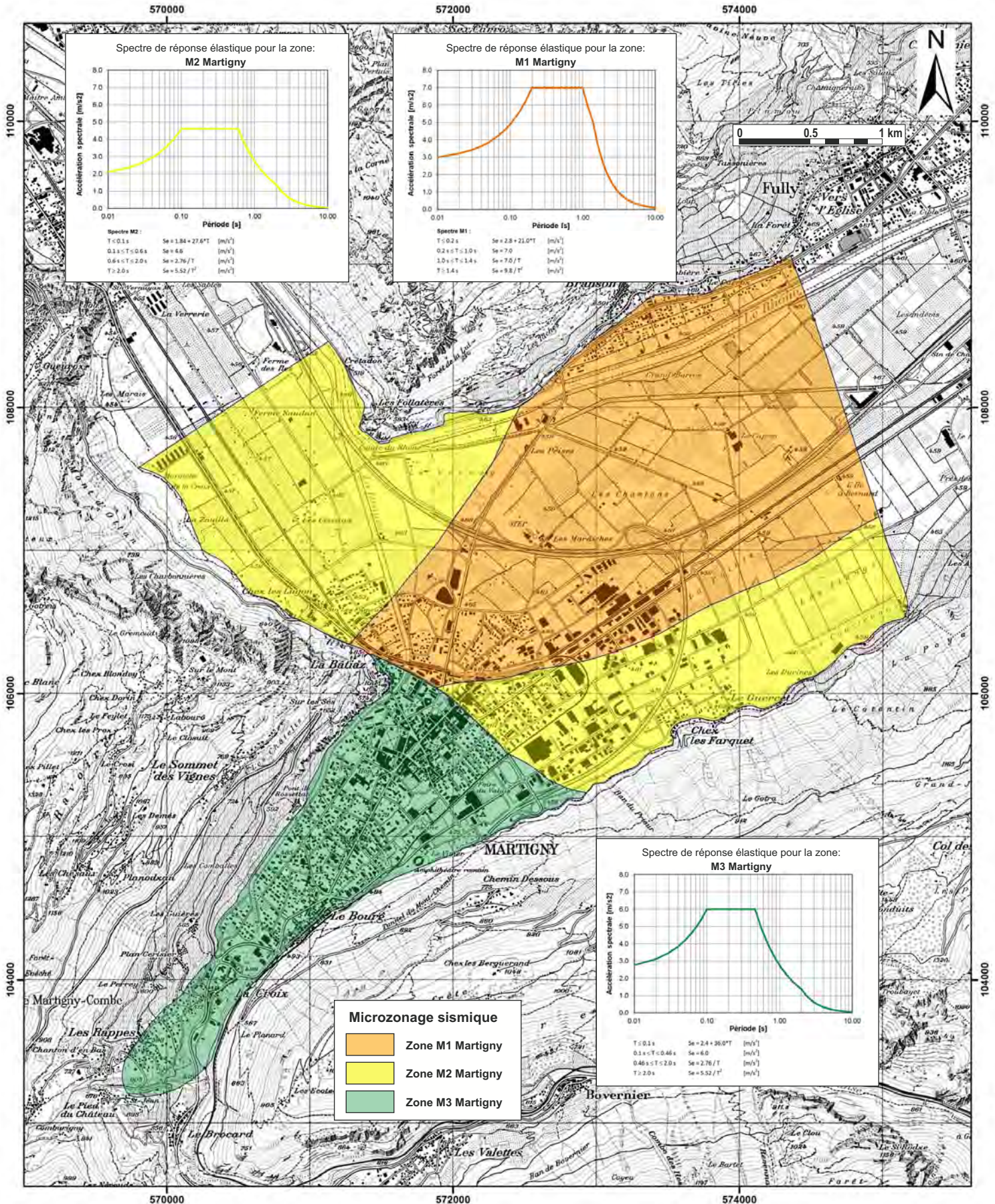
120'000

Microzonage sismique spectral (MSS) Agglomération Martigny

Résonance SA & **crealp**
Cartographie M. Sartori

Carte des zones sismiques

Rapport du 24.09.2015



Microzonage sismique spectral (MSS)

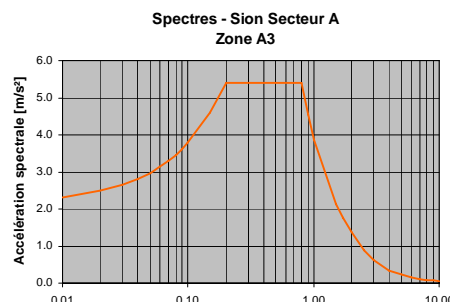
Agglomération SION

(Secteur Ville)

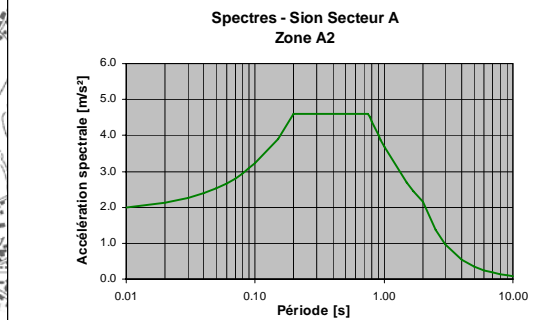
Résonance SA & GéoVal SA

(rapport du 27.7.2011)

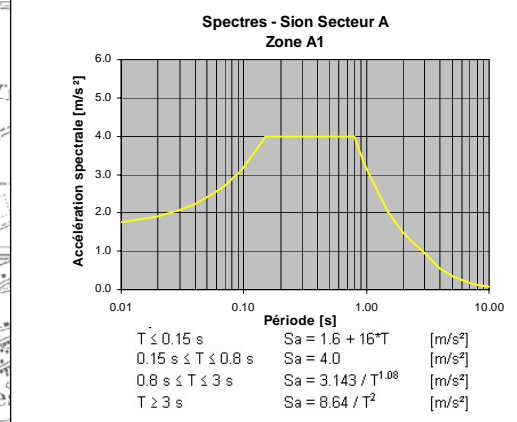
Octobre 2011



Période [s]	Sa [m/s ²]
$T \leq 0.2$ s	$Sa = 2.16 + 16.2 \cdot T$ [m/s ²]
$0.2 \leq T \leq 0.8$ s	$Sa = 5.4$ [m/s ²]
$0.8 \leq T \leq 2$ s	$Sa = 3.876 / T^{1.49}$ [m/s ²]
$T \geq 2$ s	$Sa = 5.52 / T^2$ [m/s ²]

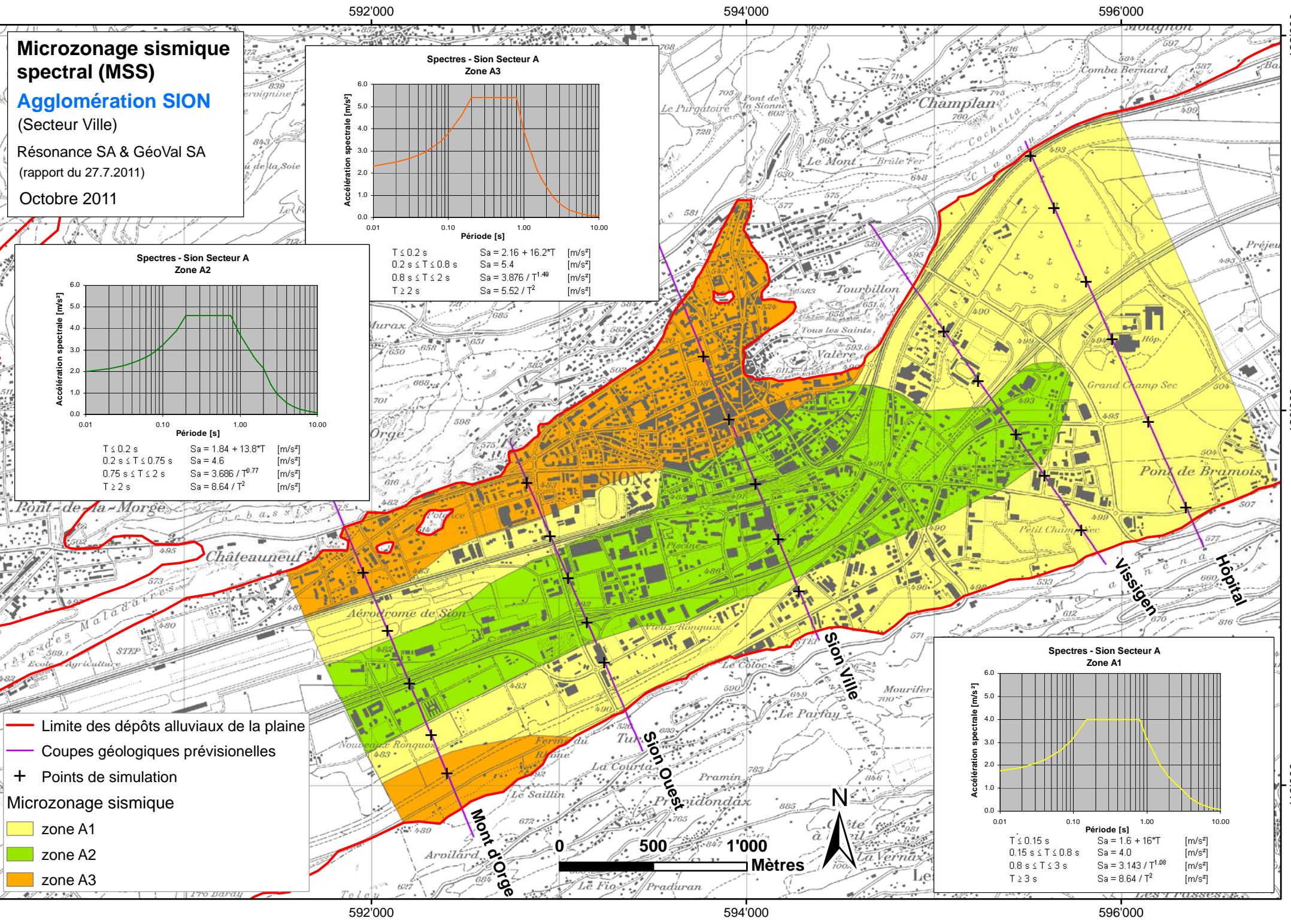


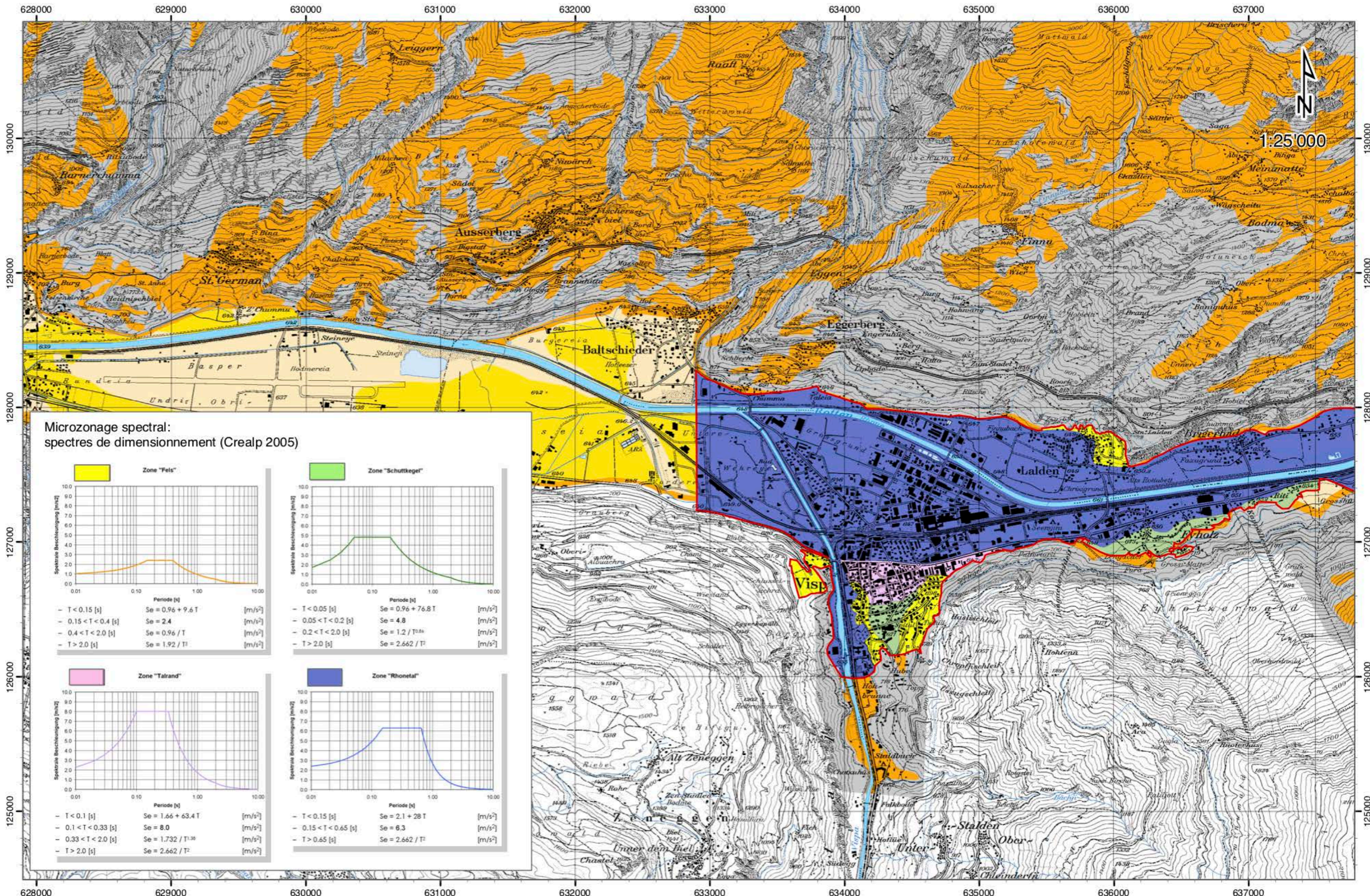
Période [s]	Sa [m/s ²]
$T \leq 0.2$ s	$Sa = 1.84 + 13.8 \cdot T$ [m/s ²]
$0.2 \leq T \leq 0.75$ s	$Sa = 4.6$ [m/s ²]
$0.75 \leq T \leq 2$ s	$Sa = 3.686 / T^{0.77}$ [m/s ²]
$T \geq 2$ s	$Sa = 8.64 / T^2$ [m/s ²]



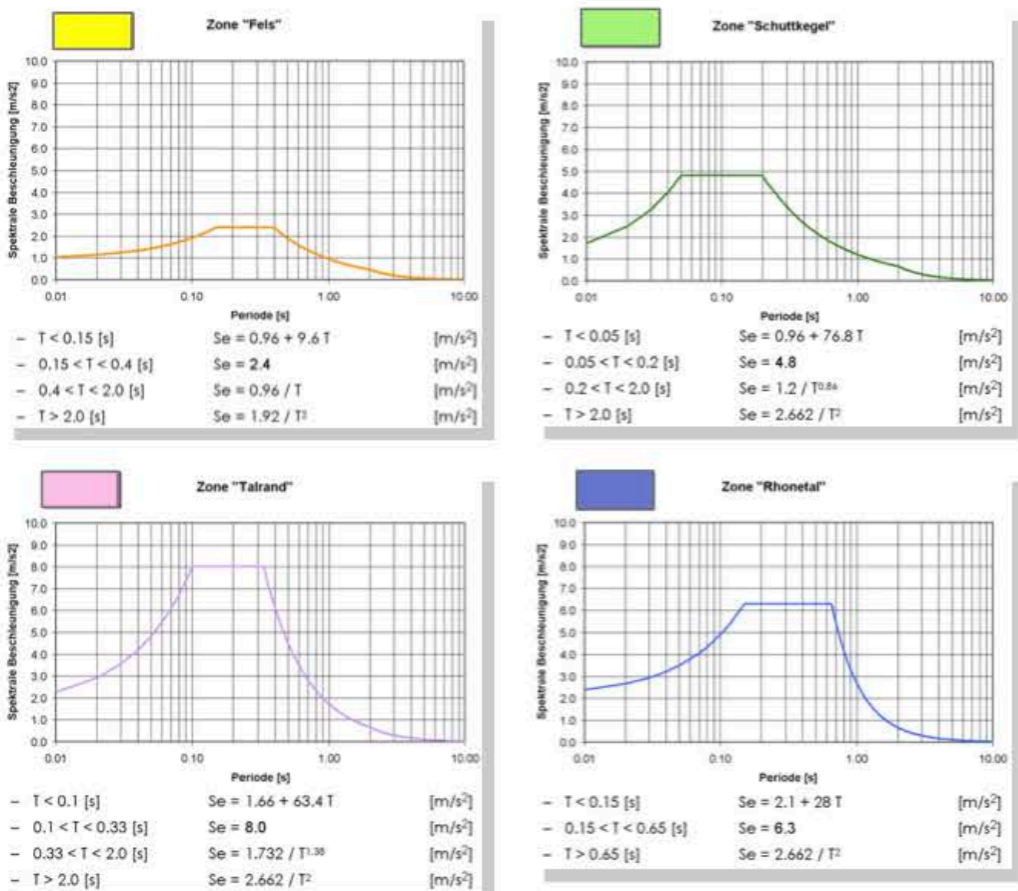
Période [s]	Sa [m/s ²]
$T \leq 0.15$ s	$Sa = 1.6 + 16 \cdot T$ [m/s ²]
$0.15 \leq T \leq 0.8$ s	$Sa = 4.0$ [m/s ²]
$0.8 \leq T \leq 3$ s	$Sa = 3.143 / T^{0.88}$ [m/s ²]
$T \geq 3$ s	$Sa = 8.64 / T^2$ [m/s ²]

- Limite des dépôts alluviaux de la plaine
 - Coupes géologiques prévisionnelles
 - +
 Points de simulation
- Microzonage sismique
- zone A1
 - zone A2
 - zone A3



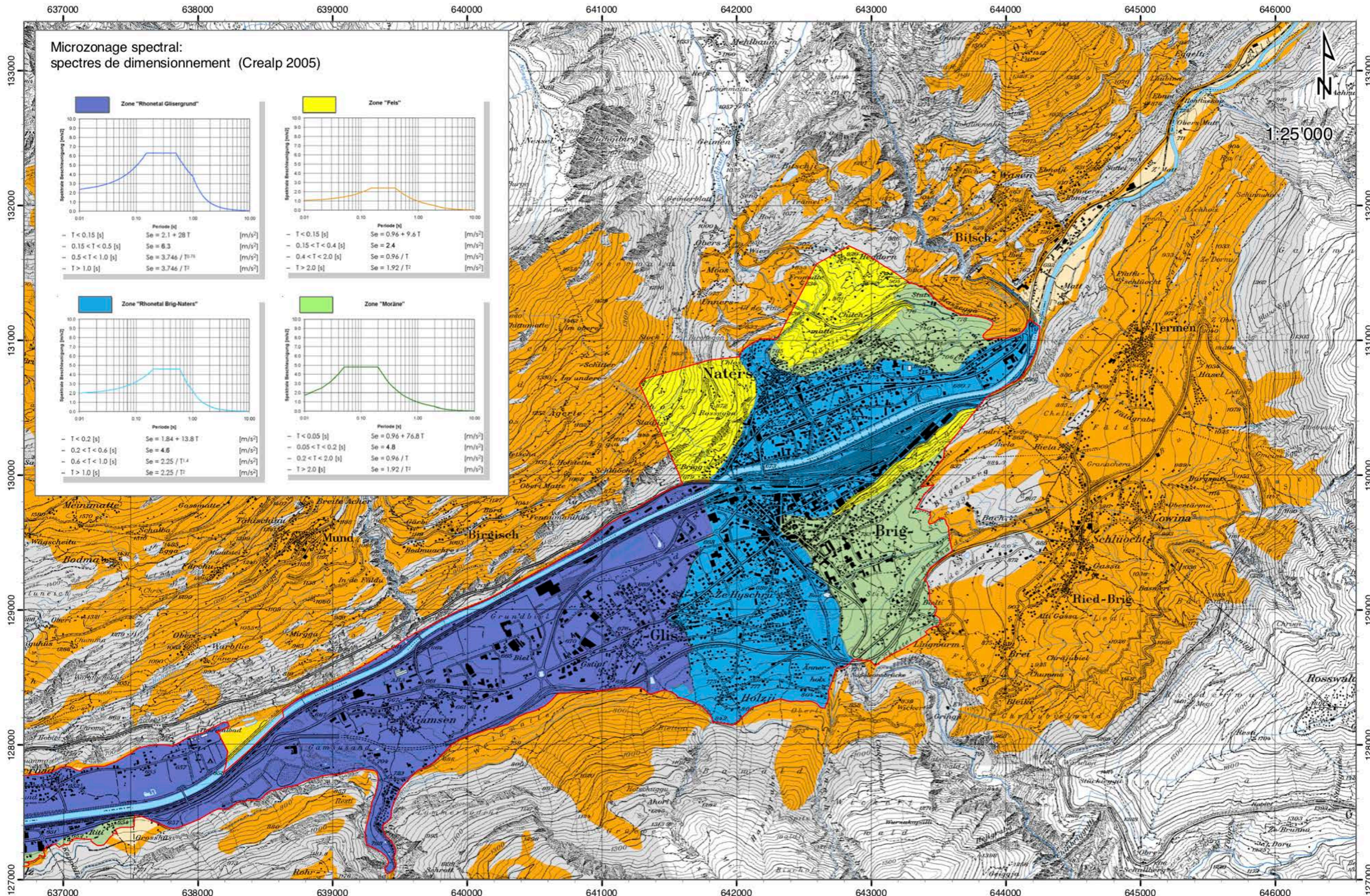


Microzonage spectral:
spectres de dimensionnement (Crealp 2005)

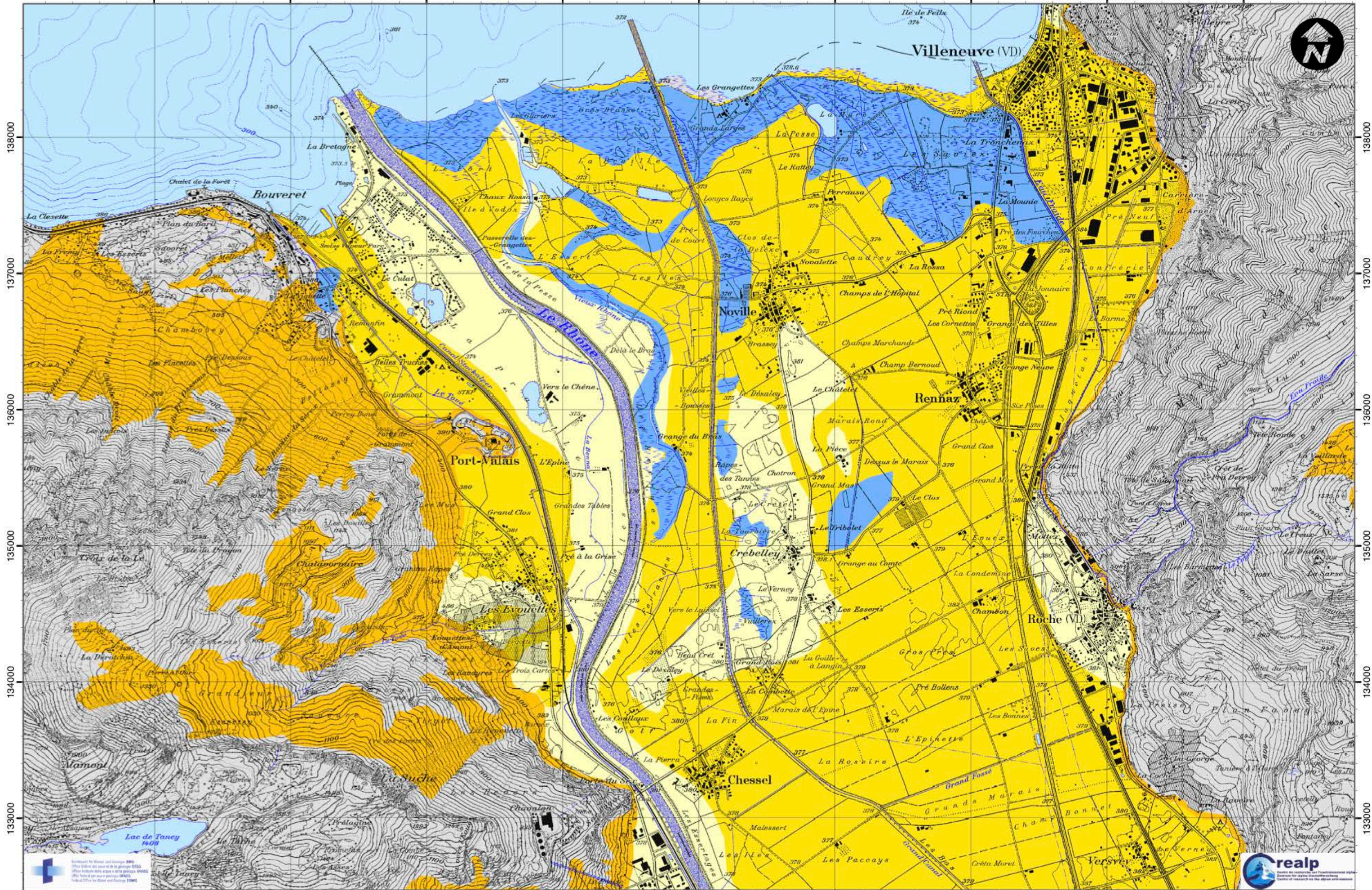


Cartographie 1:25'000 des sols de fondation selon classification de la norme SIA 261 (Crealp 04.03)

Brig



554000 555000 556000 557000 558000 559000 560000 561000 562000



138000

137000

136000

135000

134000

133000

138000

137000

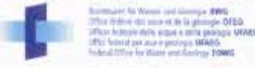
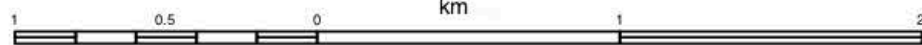
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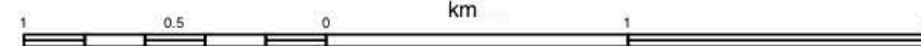
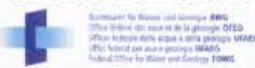
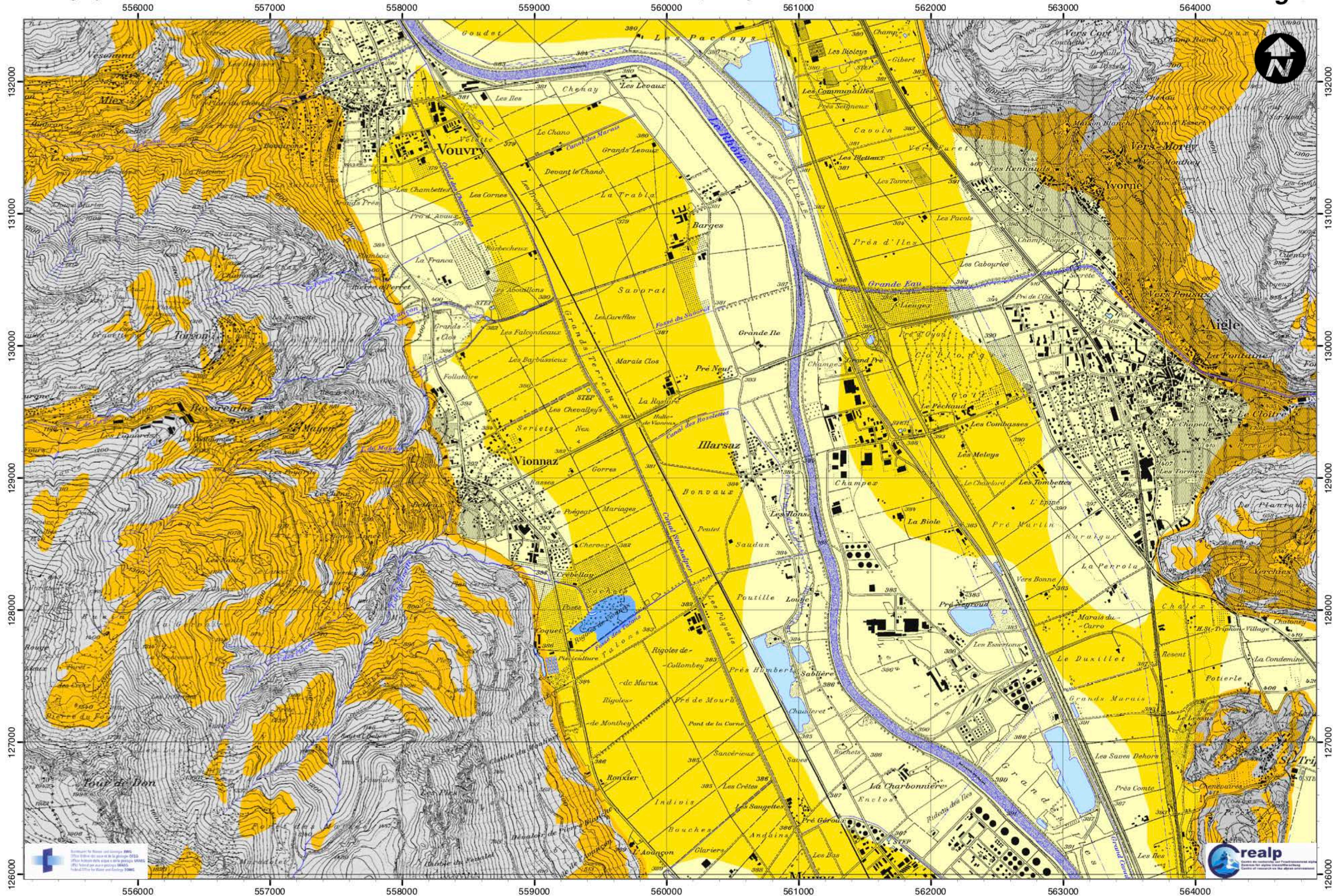
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Bundesamt für Landestopographie
Ufficio federale della cartografia
Federal Office for Land and Surveying

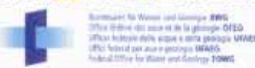
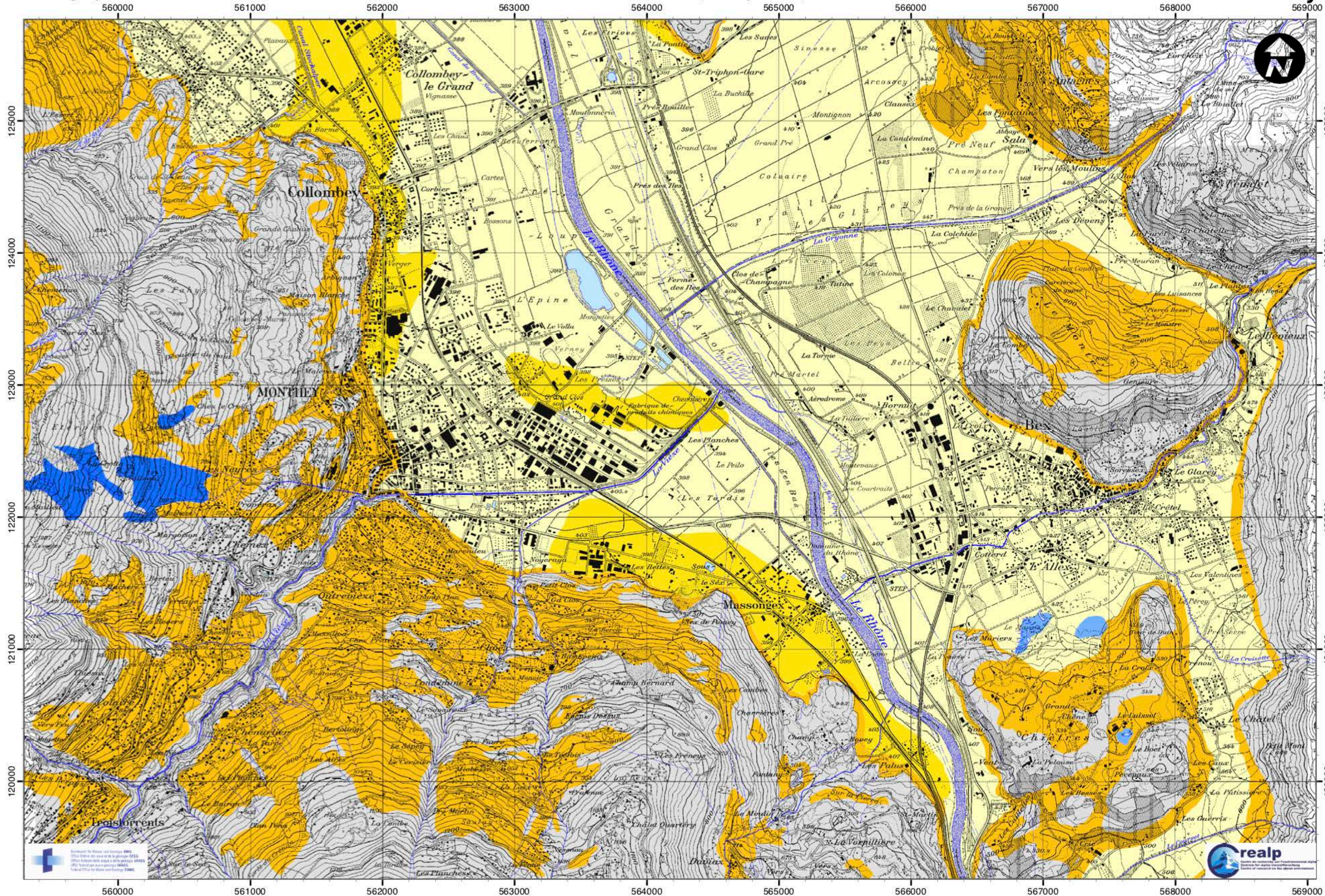


Crealp
Centre suisse de cartographie
Swiss Centre for Surveying
Centre de cartographie de la Suisse romande

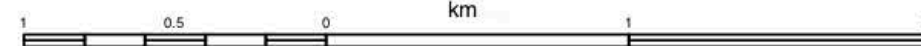
Cartographie 1:25'000 des sols de fondation selon classification de la norme SIA 261 (Crealp/04.03)

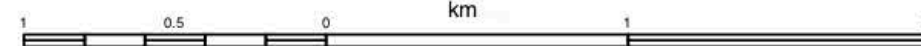
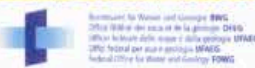
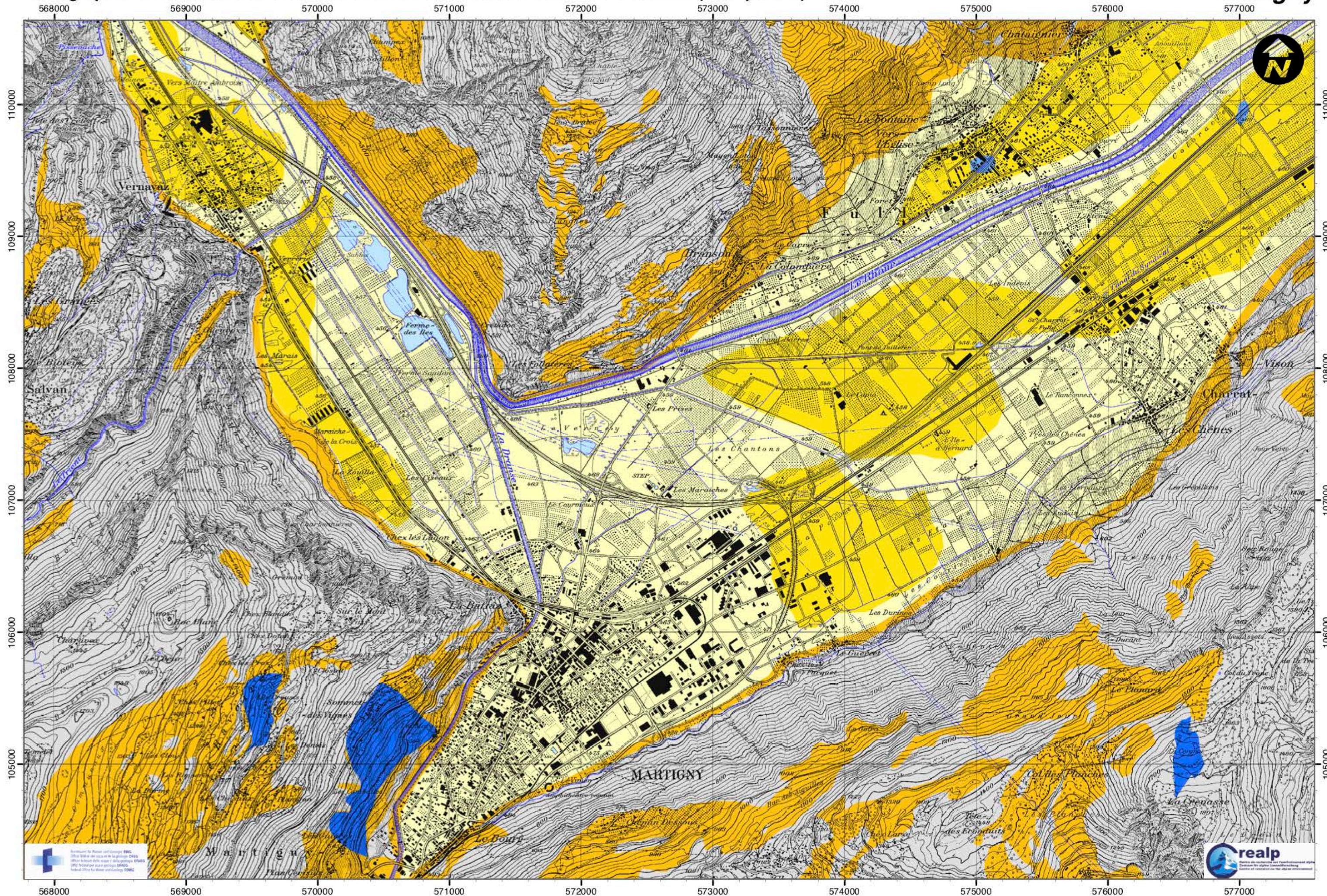
Aigle





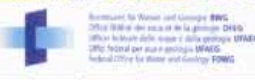
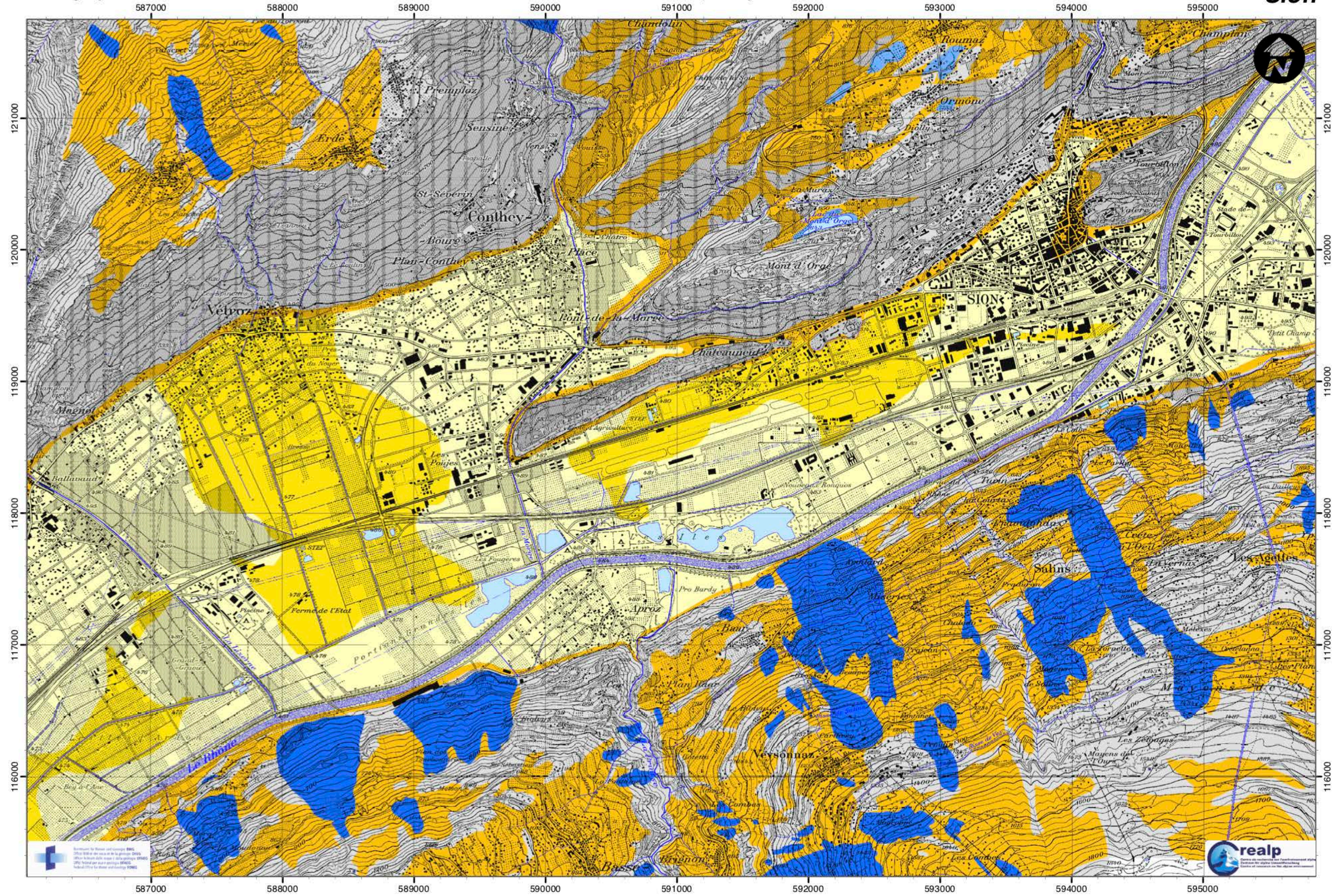
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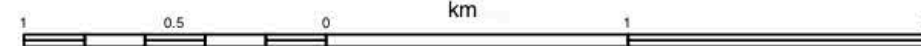
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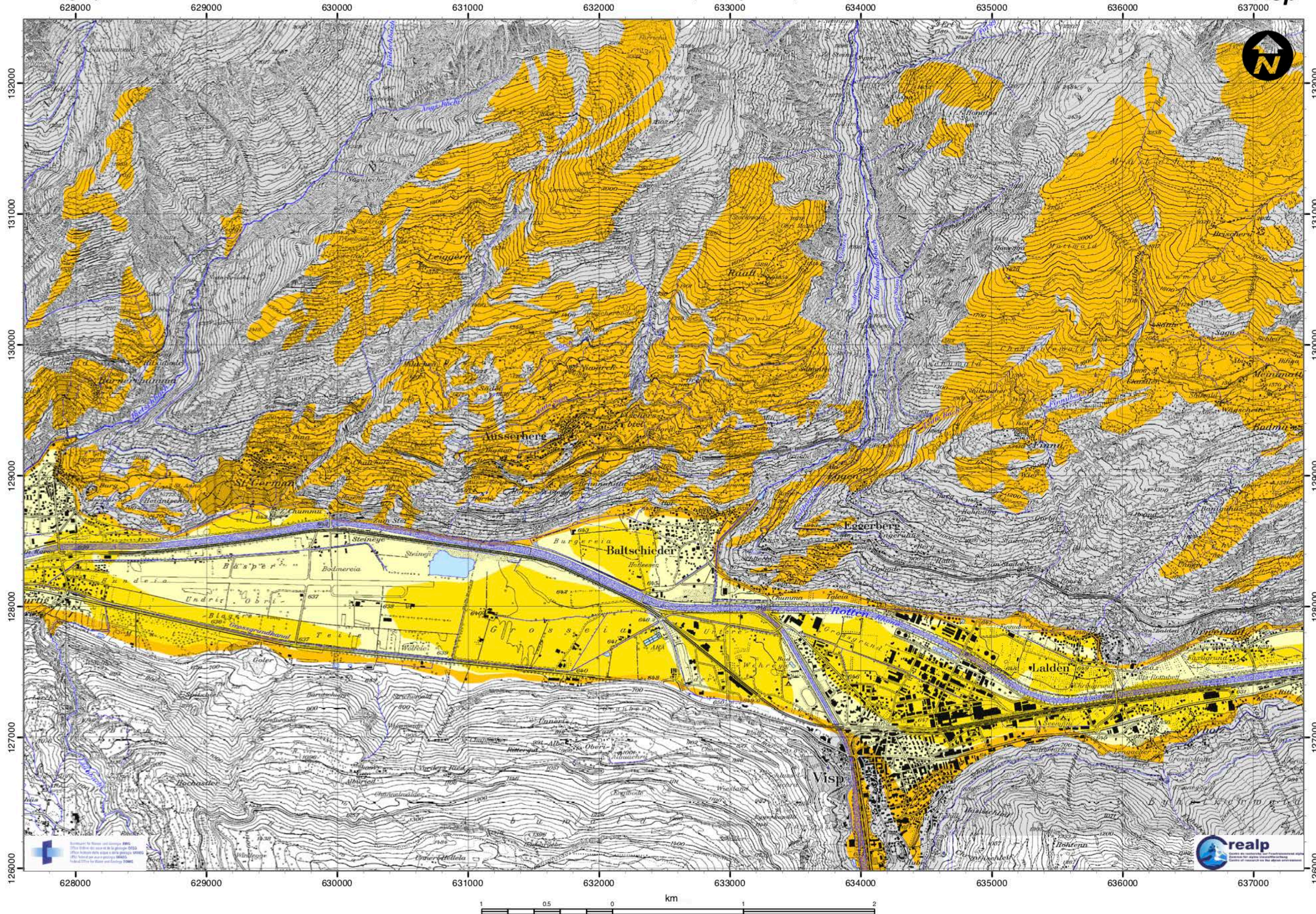


crealp
Centre de recherches et d'expertise en géologie
Centre für alpine Bauforschung
Centre of research on the alpine environment

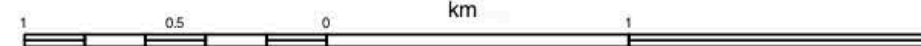


Cartographie 1:25'000 des sols de fondation selon classification de la norme SIA 261 (Crealp/04.03)

Visp



Information: This map is based on the Swiss Federal Topographic Database (SFTD) and the Swiss Federal Soil Database (SFD). It is a technical drawing and not a legal document. For more information, please contact the Swiss Federal Office for Spatial Information (SFOI).



Cartographie 1:25'000 des sols de fondation selon classification de la norme SIA 261 (Crealp/04.03)

Brig

