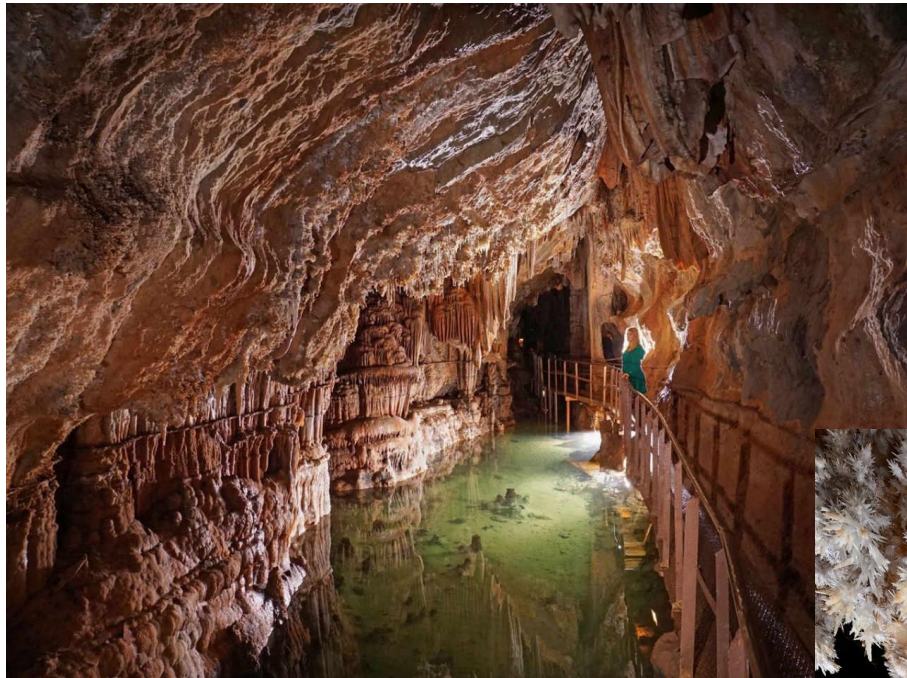
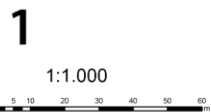
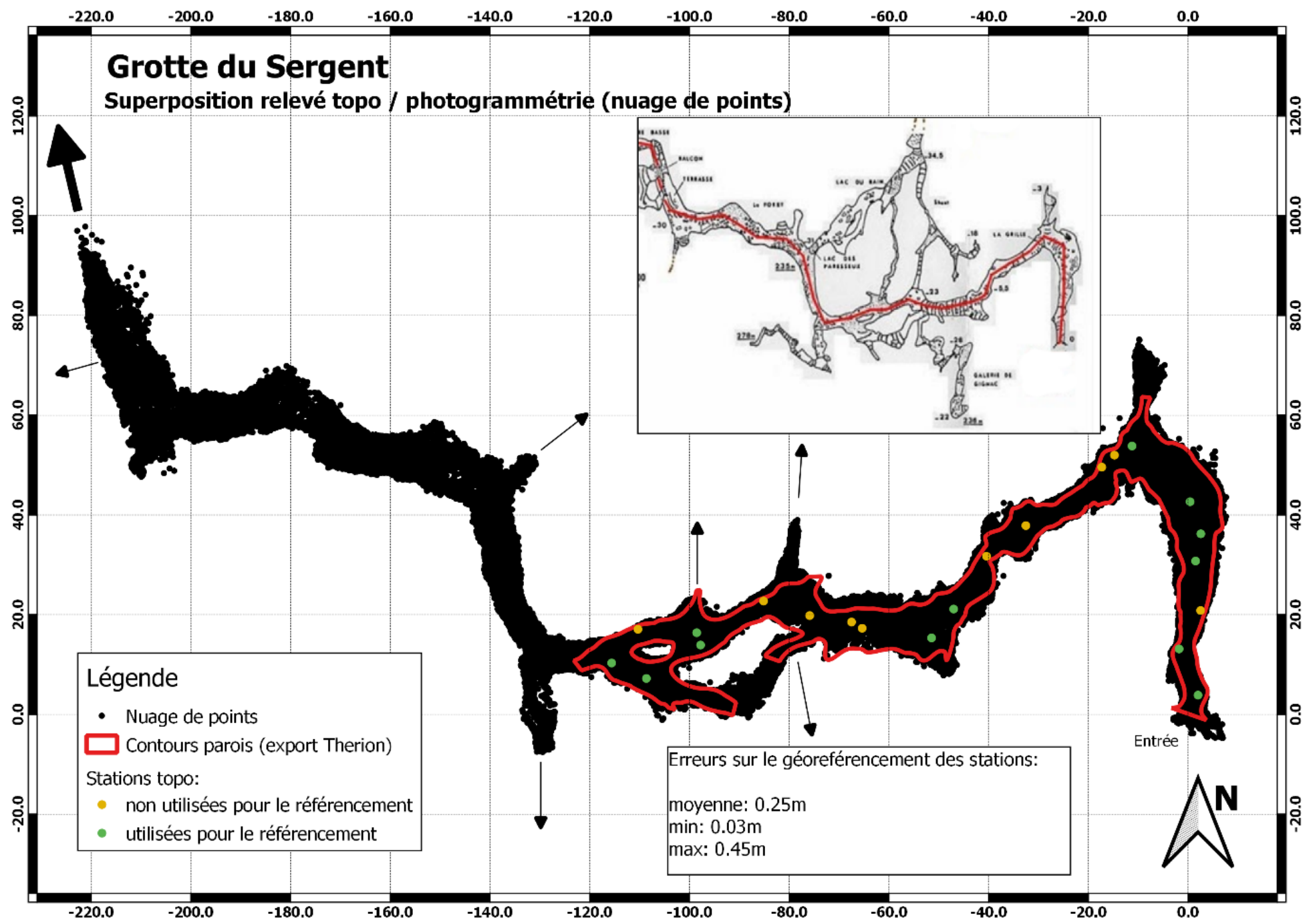


zone 1 : static  
zone 2 : dyn  
zone 3 : dyn  
zone 4 : dyn  
zone 5 : static  
zone 6 : dyn  
zone 7 : dyn  
zone 8 : show



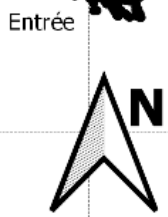


# Grotte du Sergent

Superposition relevé topo / photogrammétrie (nuage de points)

- Légende**
- Nuage de points
  - ▭ Contours parois (export Therion)
- Stations topo:
- non utilisées pour le référencement
  - utilisées pour le référencement

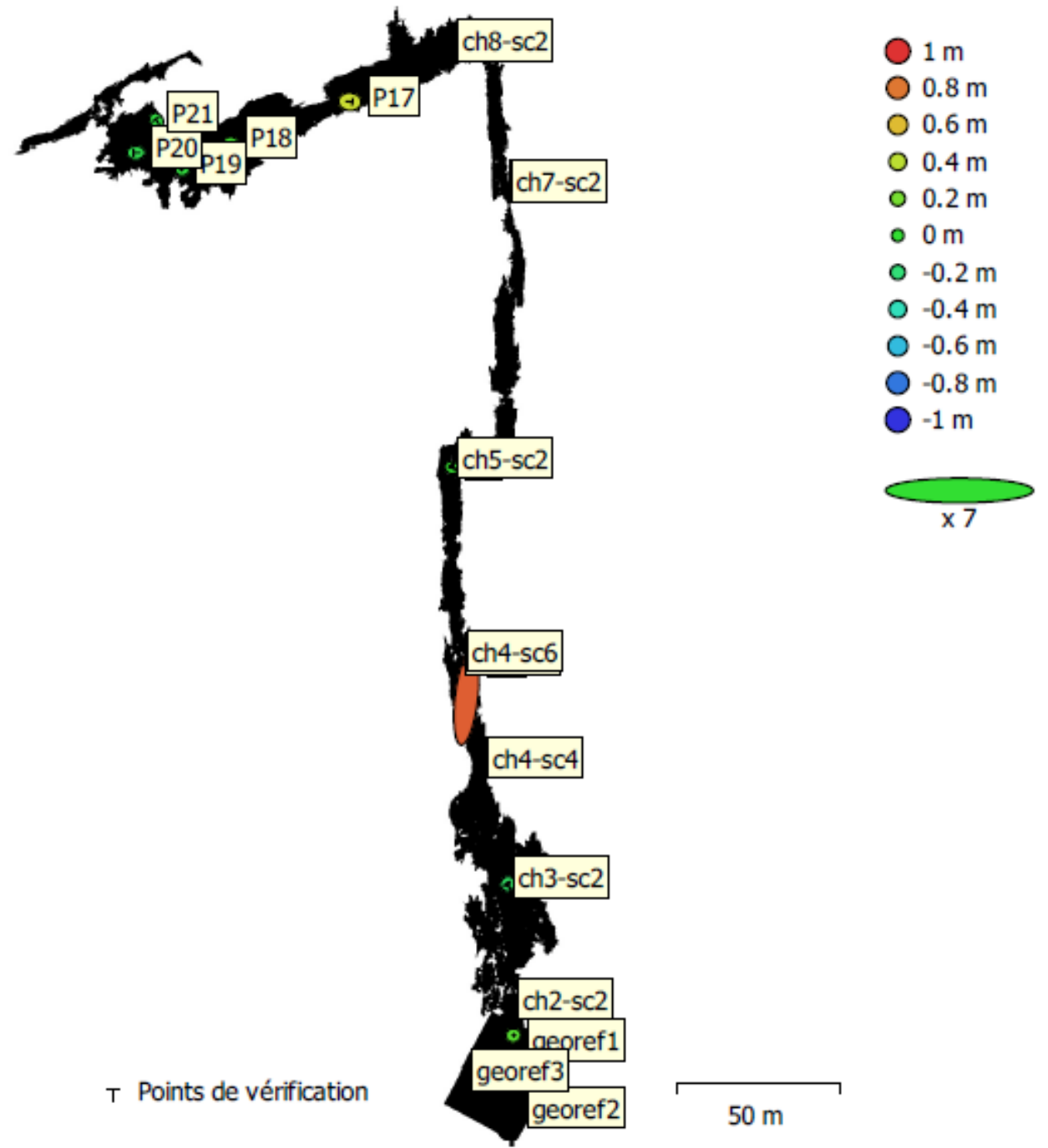
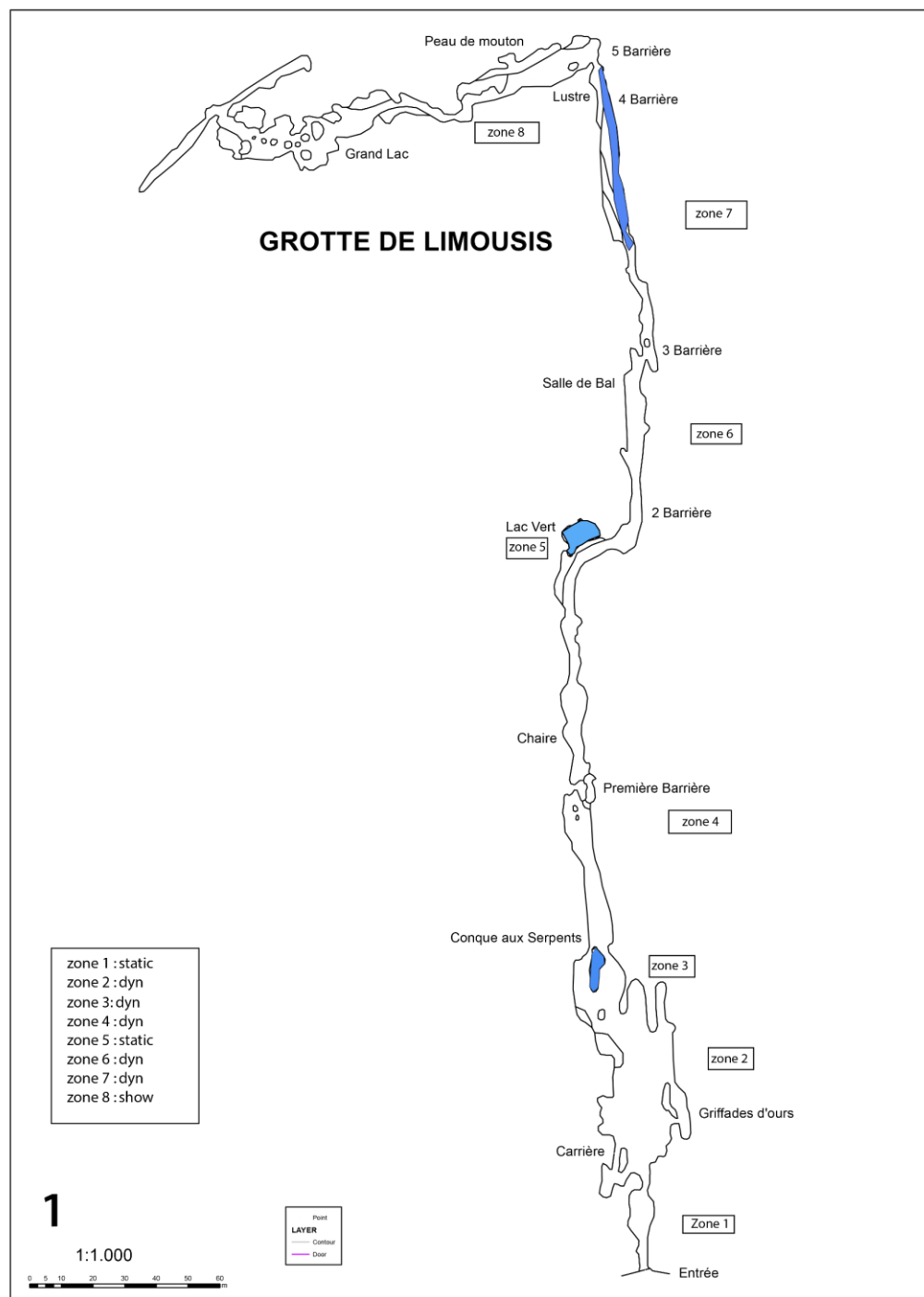
Erreurs sur le géoreférencement des stations:  
moyenne: 0.25m  
min: 0.03m  
max: 0.45m

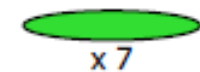
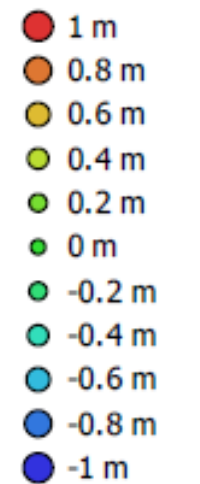
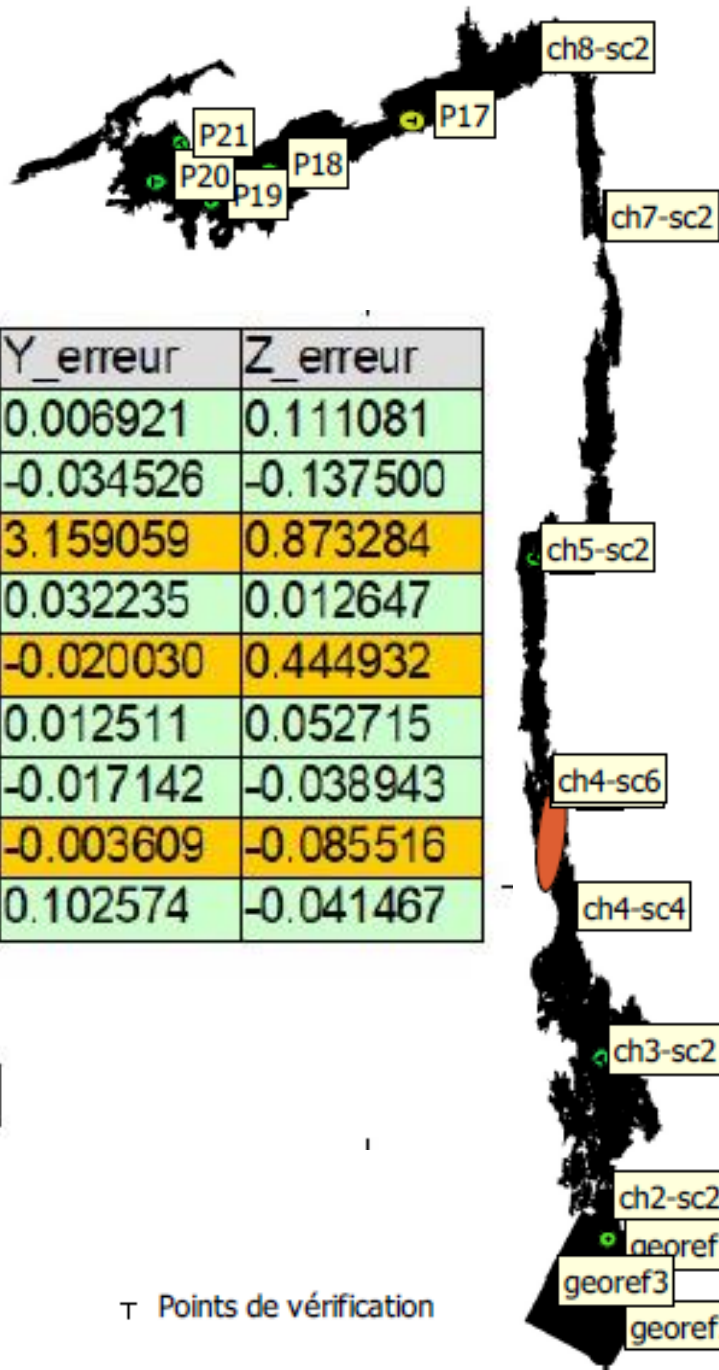
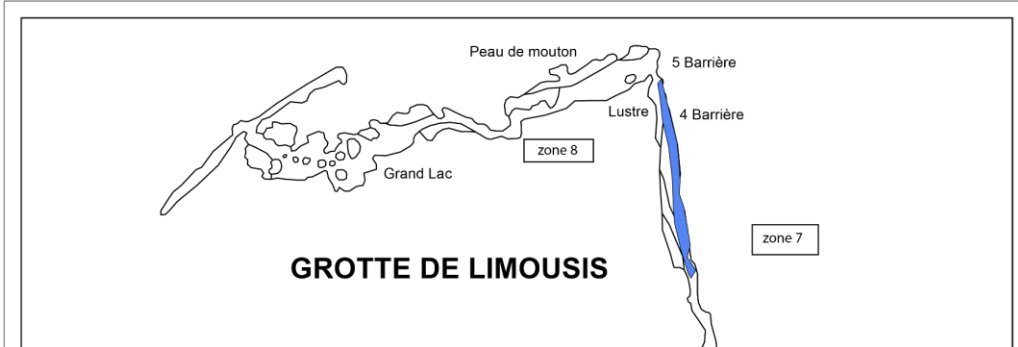


Entrée

Matos:

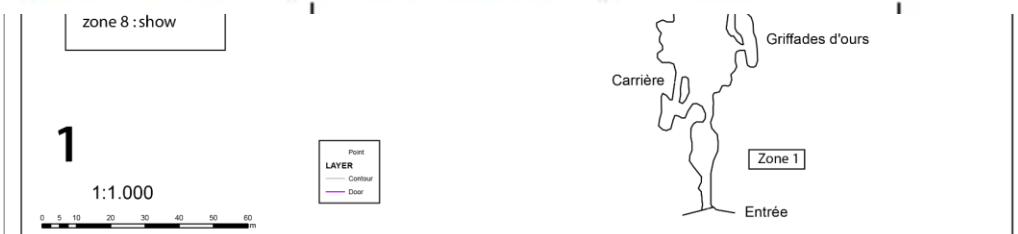




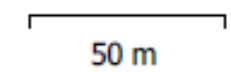


Repère	Erreur_(m)	X_erreur	Y_erreur	Z_erreur
P1	0.123666	0.053912	0.006921	0.111081
P3	0.143265	-0.020653	-0.034526	-0.137500
P5	3.297044	0.358082	3.159059	0.873284
P8	0.102548	-0.096524	0.032235	0.012647
P17	0.498550	0.224022	-0.020030	0.444932
P18	0.145856	0.135420	0.012511	0.052715
P19	0.083766	-0.072155	-0.017142	-0.038943
P20	0.218470	-0.201006	-0.003609	-0.085516
P21	0.130270	-0.068769	0.102574	-0.041467

Moyenne sur repères utilisés 0.132168



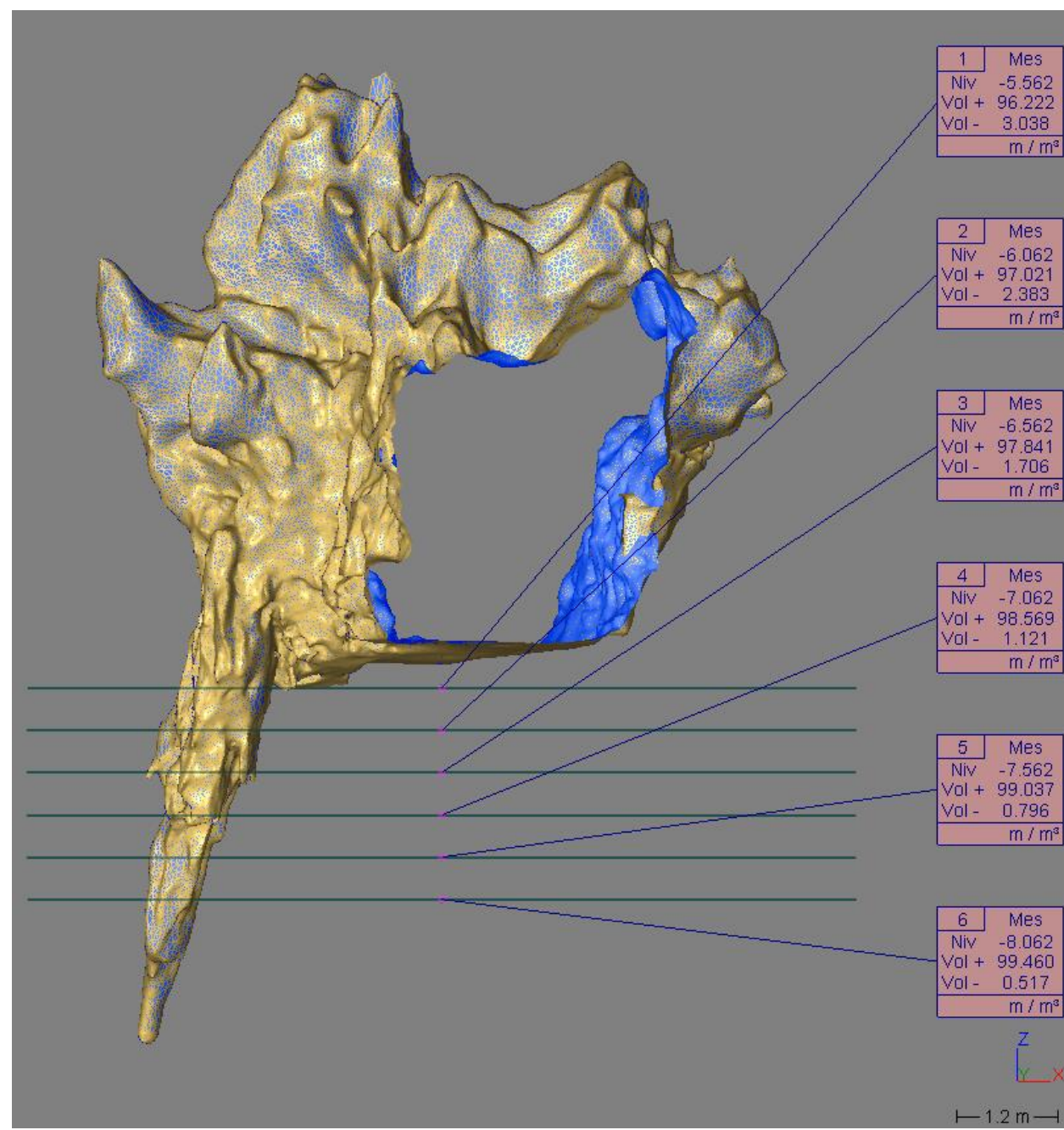
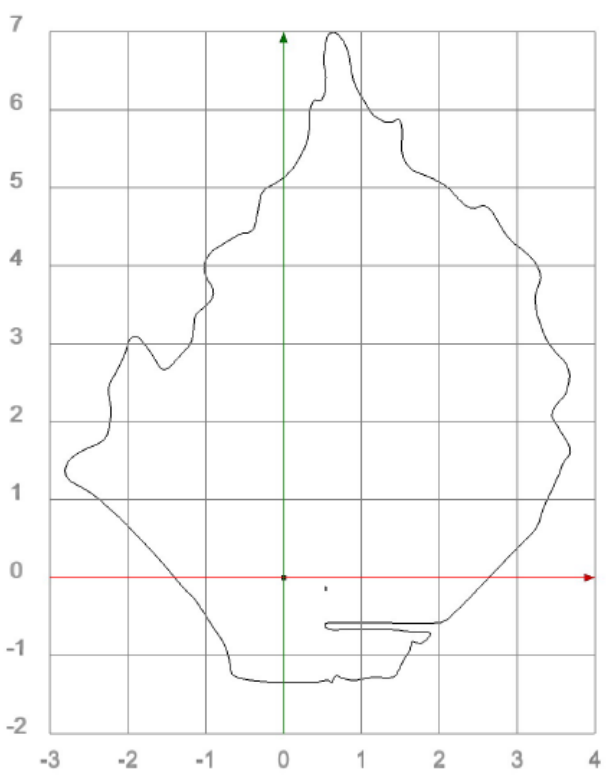
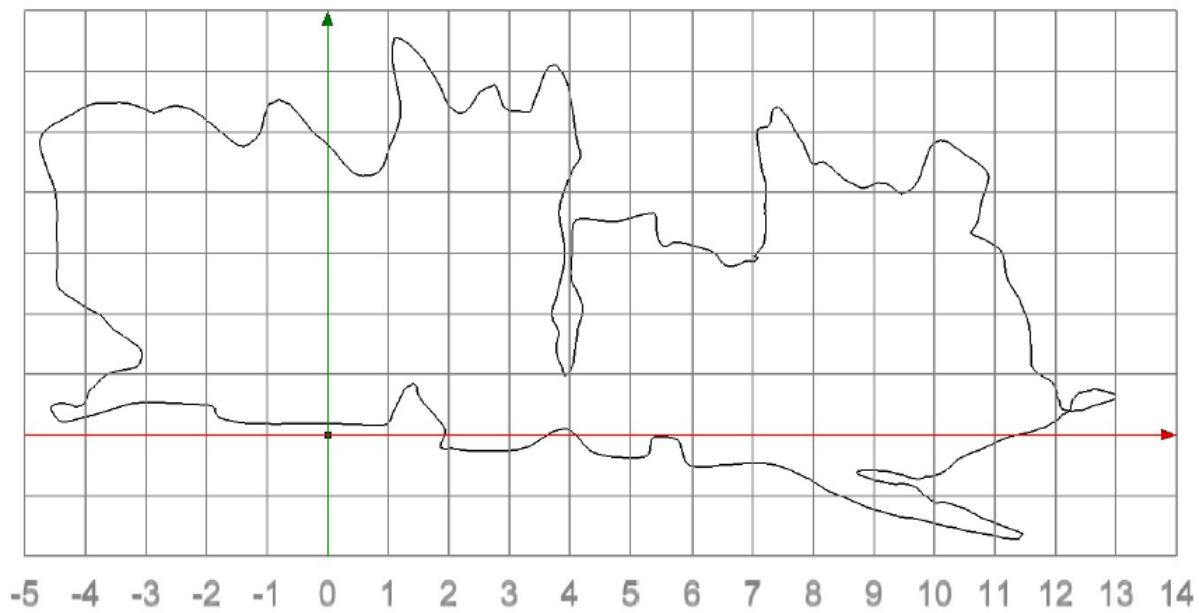
Points de vérification



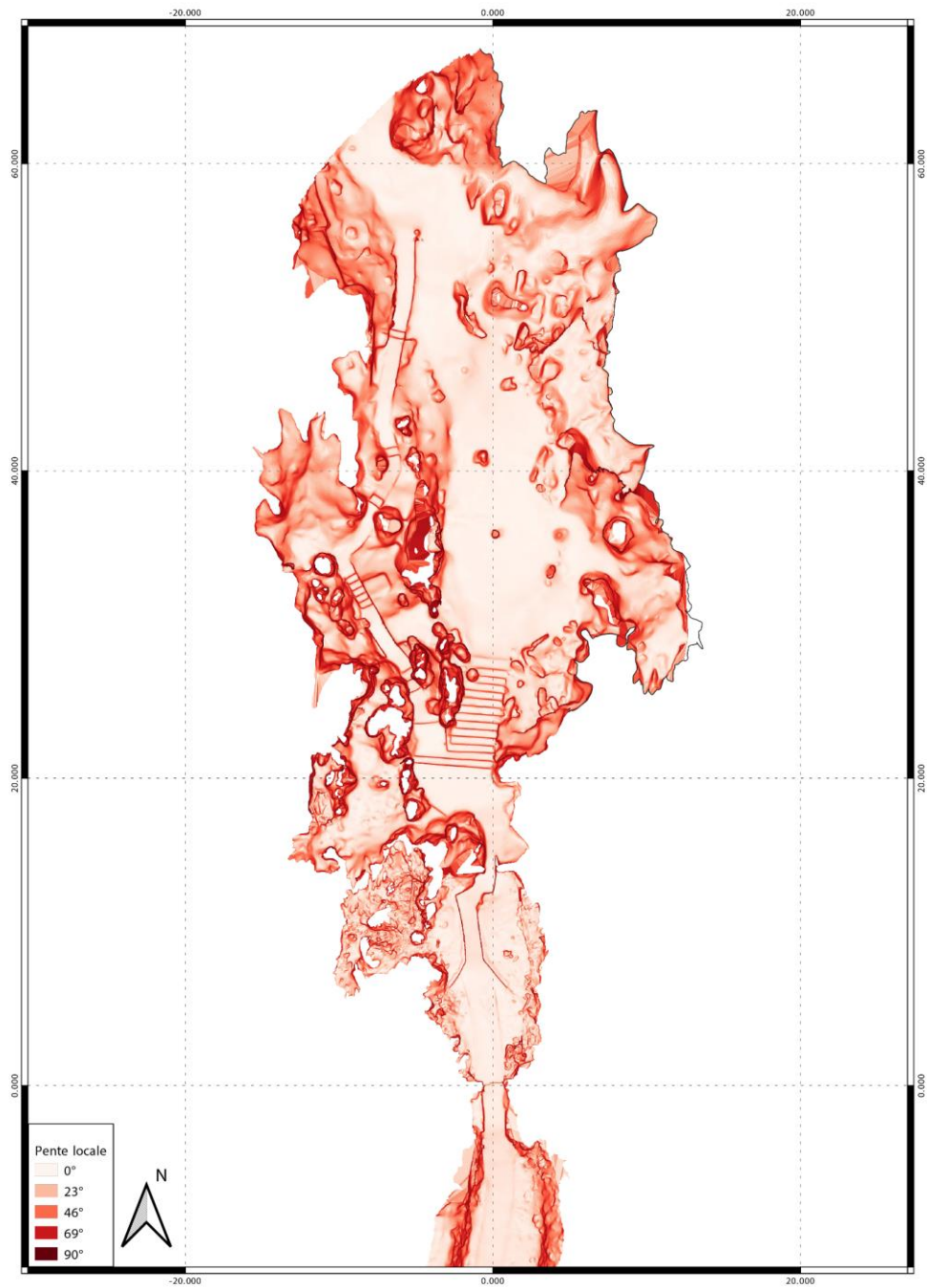


<b>Etiquette</b>	<b>Distance (m)</b>	<b>Erreur (m)</b>
ch2-sc1_ch2-sc2	0.395572	-0.00942761
ch3-sc1_ch3-sc2	0.397125	-0.00787524
ch4-sc3_ch4-sc4	0.392778	-0.0122222
ch4-sc5_ch4-sc6	0.405102	0.00010156
ch5-sc1_ch5-sc2	0.396445	-0.0085549
point 2_point 3	0.39106	-0.01394
point 2_point 3	0.393498	-0.0115019
<b>Total</b>		<b>0.0100007</b>

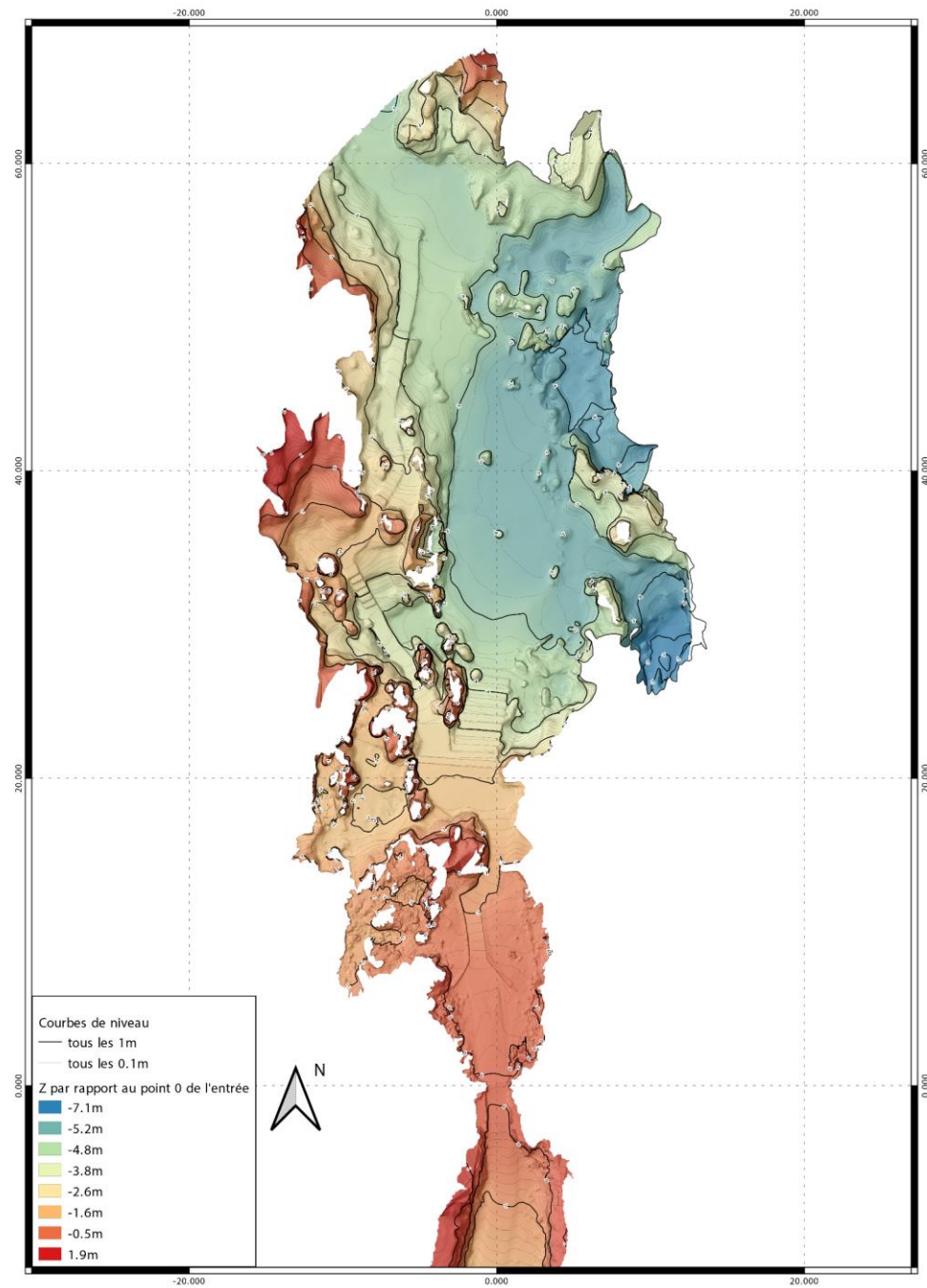
Tableau 17. Barres d'échelle de contrôle.



Lim Z1 -- Carte de pente



Lim Z1 -- MNT ombré du sol et courbes de niveau





# Lim Z6 -- MNT ombré du sol et courbes de niveau

