

2.2.3. THE ANALYSES OF THE WAY THE GEOLOGIC CONCEPT IS REFLECTED IN OTHER GEOPHYSICAL INFORMATION CATEGORIES

This activity consisted in building up 2D geological interpretative models along an already established profiles inside the INSTEC perimeter. Up to now, according with the field reaserch progress done between 2013-2014 we have already made two interpretative profiles (see figure 21) where we have already performed a series of detailed tectonic and petrographic observations. This profiles will be in the future the base for the geophysical interpretations that will be carried out.

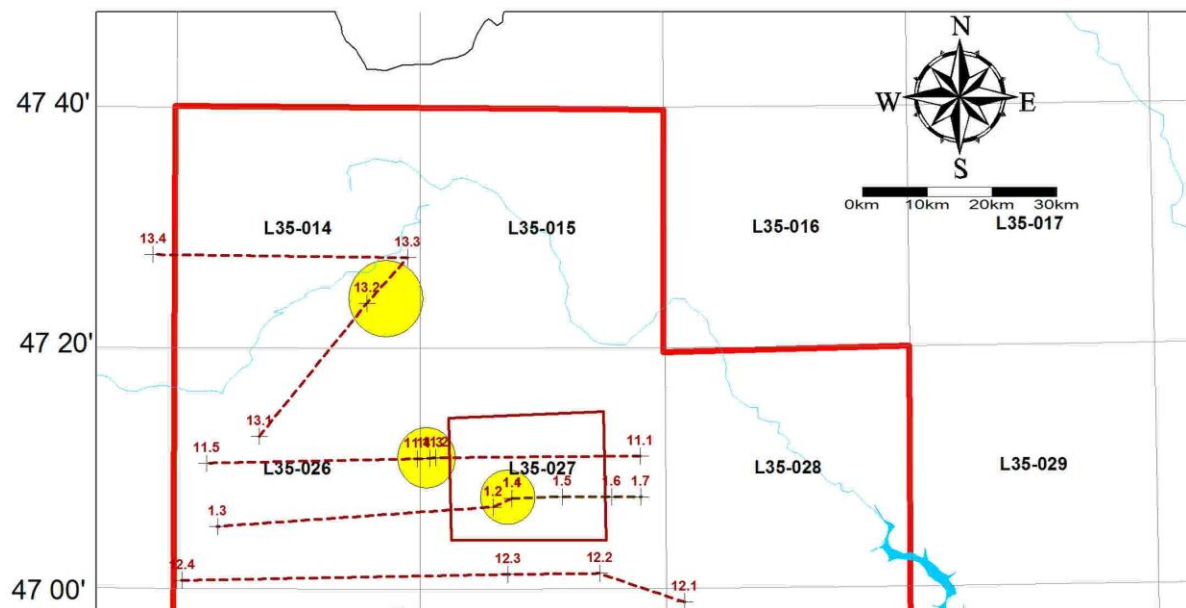
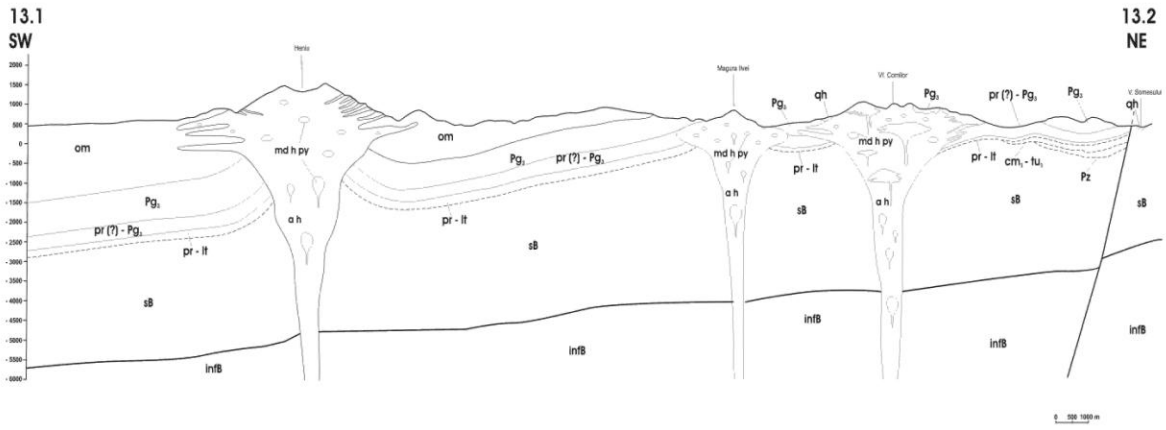


Fig. 23. The situation and position of the interpretative profiles.

The interpretation used all the available geological and geophysical information:

The profile 13.1-13.2 contain a common legend for the both profiles.



LEGENDA

qh	Holocen (aluvioni)	MAGMATISM NEOGEN	
om	Oligo-Miocen (depozite grezoase)	a h	Andezite cu hornblenda
Pg ₁	Oligo-Prabonian (alternanta de argile si gresii)	md h py	Microdiarite cu hornblenda si piroxeni
pr (?) - Pg ₁	Oligo-Prabonian (argile negre, mame, conglomerate)	bi	Riolite cu biotit
pr - lt	Prabonian-Lulelian (calcare, gresii, conglomerate)	a h bi q	Andezite cu hornblenda, biotit si cuar
lt	Lulelian (faciesuri conglomeratice, subordonat calcare)	a q h bi	Andezite cuarifere cu hornblenda si biotit
cm ₁ - lu ₁	Cenomanian inf.-Turonian inf. (Conglomerate, gresii, silturi)		
Pz	Paleozoic superior (arcoze si breccii cu elemente de cristalin)		
sB	Precambrian sup. - panza sub-Bucovinica (metamorfite de grad mediu)		
infB	Precambrian sup. - Paleozoic inf. panza infra-Bucovinica (metamorfite de grad mediu si epimetamorfite)		

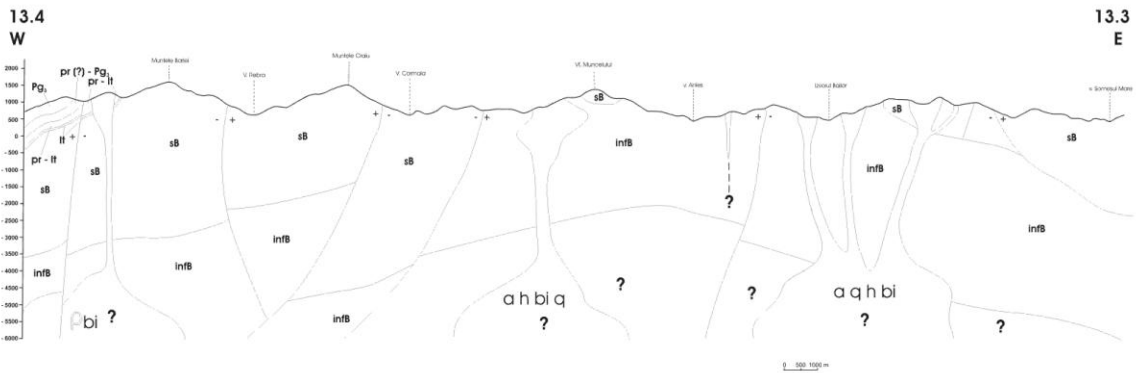


Fig. 24. Interpretative geological profiles in the northern part of the INSTEC perimeter.