ATTACHMENT F

- Following the accessibility of the future building site area verify the condition and character of made up ground, which is in the view of an intensive building activity within the company considerably non-homogeneous.
- Following the specification of designed buildings character we recommend to investigate the geological composition of the area by a detailed geological survey with the use of drill holes of suitable depth.

Results of the water chemical analysis from a drill hole **V-1**

Water temperature	12,0	Conductivity mS/m	88,60	CHSK_Mn (mg/l)	8,09
Air temperature	5,00	Mineralisation (mg/l)	833,86	Langelier's index	-0,56
PH	7,06			Total hardness (mmol/l)	4,07
KNK8,3 (mmol/l)	0,00			Ca+Mg---HCO_3 (mmol/l)	1,92
KNK4,5 (mmol/l)	3,83			Ca+Mg---sil. kys (mmol/l).	2,15
ZNK8,3 (mmol/l)	0,03				

Cations				Anions			
	mg/l	mmol/l	equiv. %		mg/l	mmol/l	equiv. %
Na^+	83,91	3,65	30,28	Cl^-	58,79	1,66	14,47
K^+	4,64	0,12	0,98	SO_4^{2-}	262,32	2,73	47,64
Li^+	---			NO_2^-	0,270	0,01	0,051
Ca^{2+}	103,62	2,59	42,89	NO_3^-	30,42	0,49	4,28
Mg^{2+}	36,02	1,48	24,59	F^-	0,277	0,01	0,127
NH^{4+}	0,33	0,02	0,154	PO_4^{3-}	<0.020		
Sr^{2+}	---			HCO_3^-	233,82	3,83	33,43
Fe^{2+}	0,541	0,01	0,1607	CO_3^{2-}	0,00	0,00	0,00
Mn^{2+}	3,120	0,06	0,9422	OH^-	0,00		

ATTACHMENT F

Results of the water chemical analysis from a drill hole **V-2**

Water temperature	13,0	Conductivity mS/m	67,50	CHSK_Mn (mg/l)	50,18
Air temperature	5,00	Mineralisation (mg/l)	518,04	Langelier's index	-0,68
PH	7,30			Total hardness (mmol/l)	2,94
KNK8,3 (mmol/l)	0,00			Ca+Mg---HCO_3 (mmol/l)	1,03
KNK4,5 (mmol/l)	2,07			Ca+Mg---sil. kys (mmol/l).	1,90
ZNK8,3 (mmol/l)	0,01				

Cations				Anions			
	mg/l	mmol/l	equiv. %		mg/l	mmol/l	equiv. %
Na^+	38,12	1,66	21,50	Cl^-	43,87	1,24	16,80
K^+	3,21	0,08	1,06	SO_4^{2-}	176,56	1,84	49,89
Li^+	---			NO_2^-	0,285	0,01	0,084
Ca^{2+}	68,41	1,71	44,26	NO_3^-	23,30	0,38	5,10
Mg^{2+}	29,92	1,23	31,92	F^-	<0,040		
NH^{4+}	1,34	0,07	0,965	PO_4^{3-}	<0.020		
Sr^{2+}	---			HCO_3^-	126,14	2,07	28,06
Fe^{2+}	0,421	0,01	0,1954	CO_3^{2-}	0,00	0,00	0,00
Mn^{2+}	0,214	0,00	0,1010	OH^-	0,00		

ATTACHMENT F

Results of the water chemical analysis from a drill hole **V-4**

Water temperature	---	Conductivity mS/m	122,00	CHSK_Mn (mg/l)	27,29
Air temperature	---	Mineralisation (mg/l)	818,53	Langelier's index	2,8
PH	11,27			Total hardness (mmol/l)	3,20
KNK8,3 (mmol/l)	1,31			Ca+Mg---HCO_3 (mmol/l)	0,00
KNK4,5 (mmol/l)	1,92			Ca+Mg---sil. kys (mmol/l).	3,20
ZNK8,3 (mmol/l)	0,00				

Cations				Anions			
	mg/l	mmol/l	equiv. %		mg/l	mmol/l	equiv. %
Na^+	85,40	3,71	35,43	Cl^-	107,09	3,02	27,6
K^+	7,80	0,20	1,90	SO_4^{2-}	281,25	2,93	53,5
Li^+				NO_2^-	0,457	0,01	0,091
Ca^{2+}	125,75	3,14	59,85	NO_3^-	<4,00		
Mg^{2+}	1,52	0,06	1,19	F^-	1,352	0,07	0,650
NH^{4+}	2,92	0,16	1,547	PO_4^{3-}	0,111	0,00	0,021
Sr^{2+}				HCO_3^-	0,00	0,00	0,00
Fe^{2+}	0,080	0,00	0,02733	CO_3^{2-}	36,31	0,61	11,06
Mn^{2+}	0,140	0,00	0,0486	OH^-	0,71		