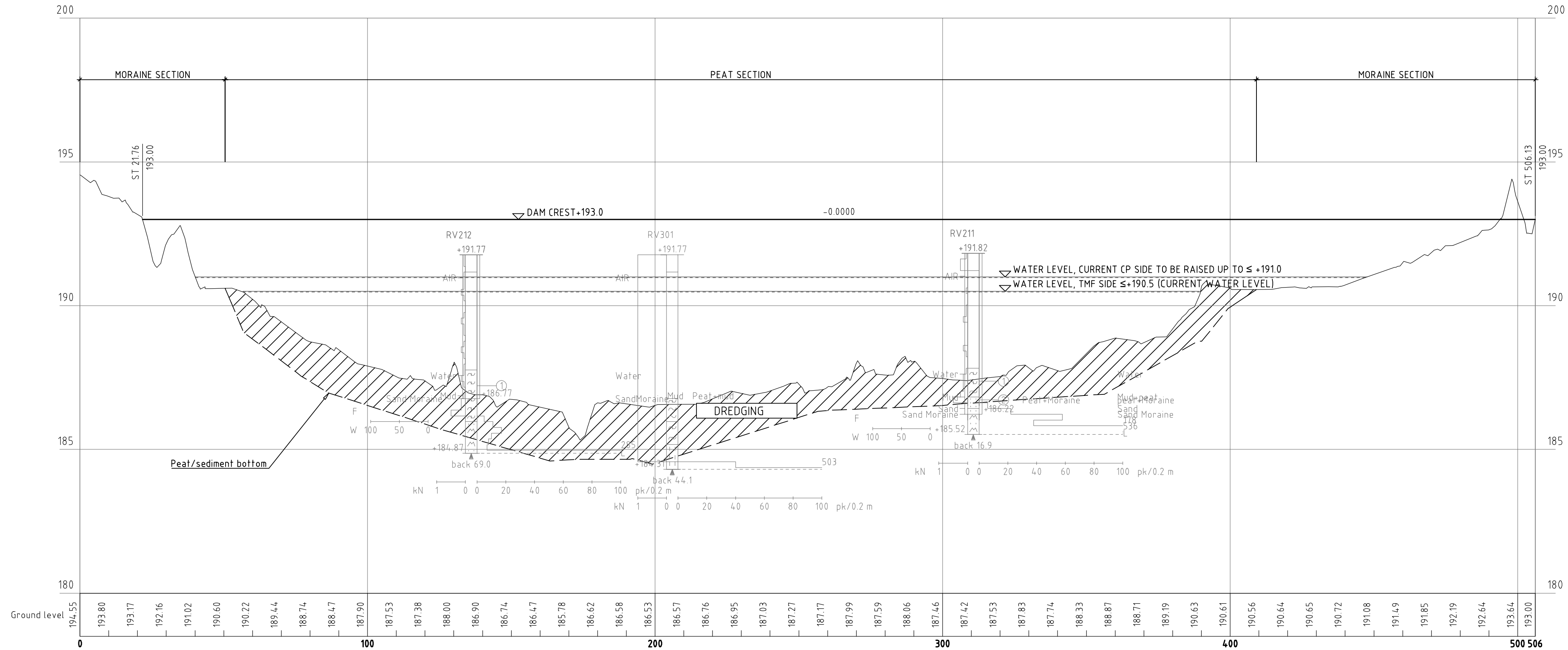


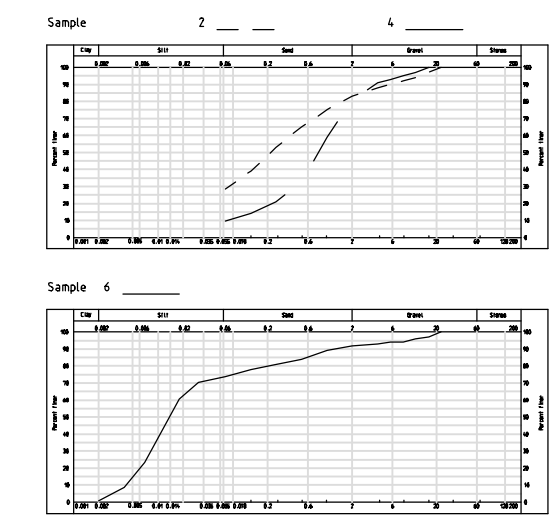
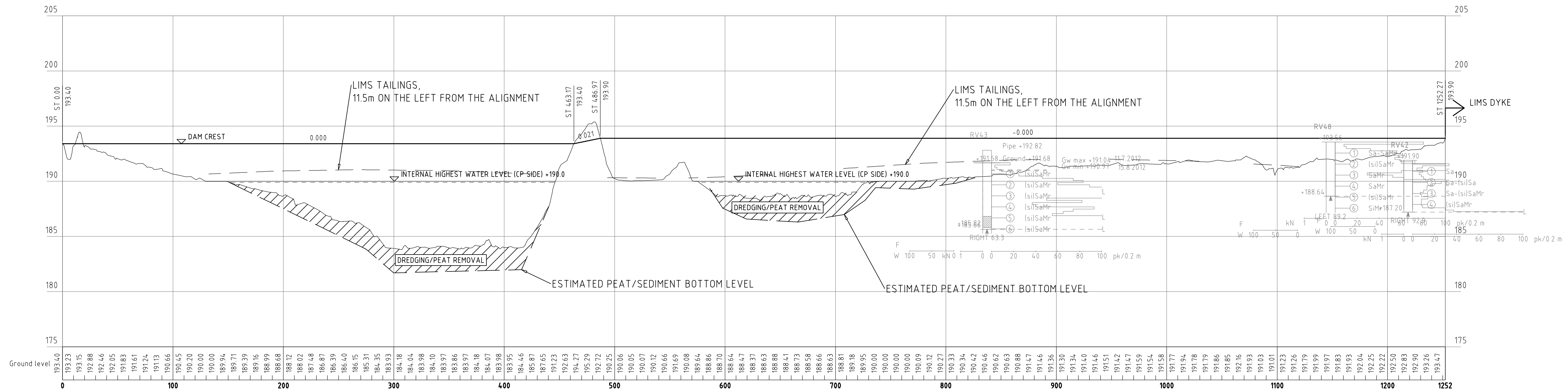
RIKASTUSHIEKKA-ALTAAN POHJOINEN PATO  
 LONGITUDINAL SECTION: TMF NORTHERN DAM:  
 1:1000/1:100



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<b>NORTHLAND</b>	Reviewed	Sign.	Date
	Approved	Sign.	Date
Northland Mine's drawing number			
Project	Contract no		
HANNUKAINEN PHASE 2 DFS	16FC11018.110		
	Constr	Sign.	Date
	JOTU		14.12.2012
	Reviewed	Sign.	Date
JLS		14.12.2012	
Approved	Sign.	Date	
ILA		14.12.2012	
TMF AND CP DESIGN	Ref. drawings		
LONGITUDINAL SECTION			
TMF NORTHERN DAM	Design Field / Discipline	Scale	Size
	TMF	1:1000/1:100	840x297
Drawing number			Rev.
16FC11018-60077			

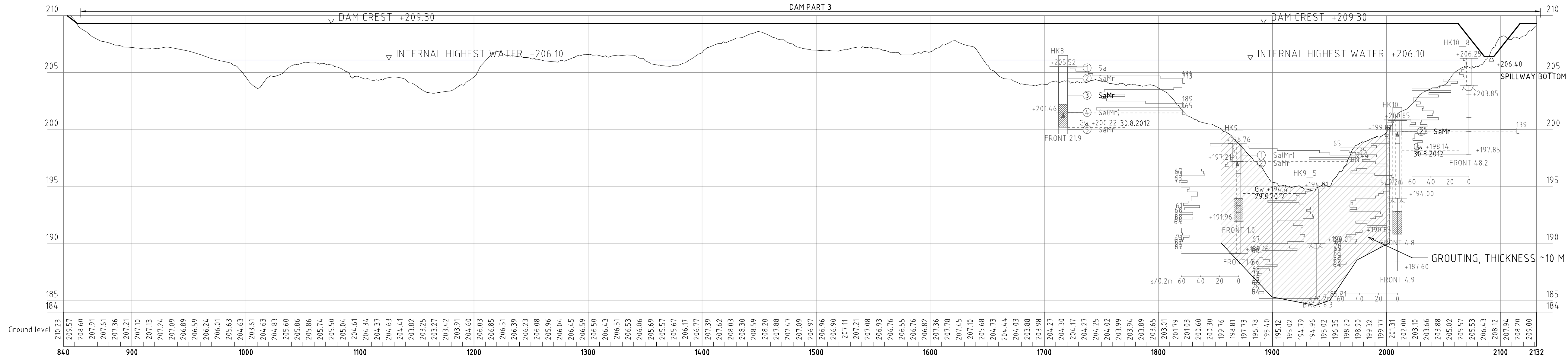
RIKASTUSHIEKKA-ALTAAN ETELÄINEN PATO  
 LONGITUDINAL SECTION: TMF SOUTHERN DAM:  
 1:2000/1:200



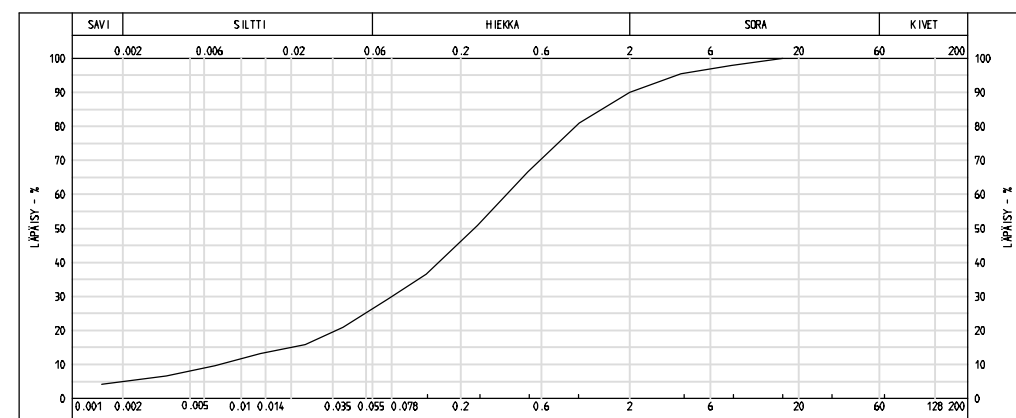
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NORTHLAND	Reviewed	Sign.	Date
	Approved	Sign.	Date
Northland Mine's drawing number			
Project	Contract no		
HANNUKAINEN PHASE 2 DFS	16FC11018.110		
PÖYRY	Constr	Sign.	Date
	JOTU		14.12.2012
	Reviewed	Sign.	Date
	JLS		14.12.2012
	Approved	Sign.	Date
	ILA		14.12.2012
TMF AND CP DESIGN	Ref. drawings		
LONGITUDINAL SECTION			
TMF SOUTHERN DAM	Design Field / Discipline	Scale	Size
	TMF	1:2000/1:200	1050x297
Drawing number		Rev.	
16FC11018-60096			



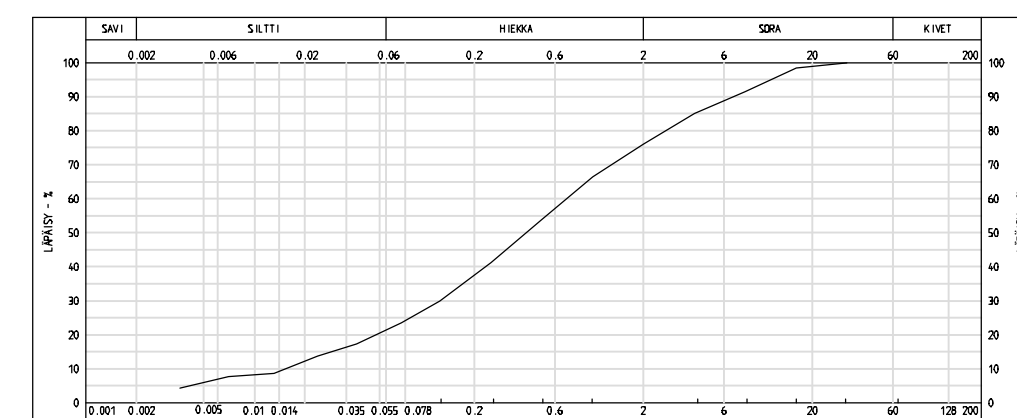
PROSESSIVESIALTAAN PATO  
LONGITUDINAL SECTION:  
1:2000/1:200



HK 8  
Sample 3



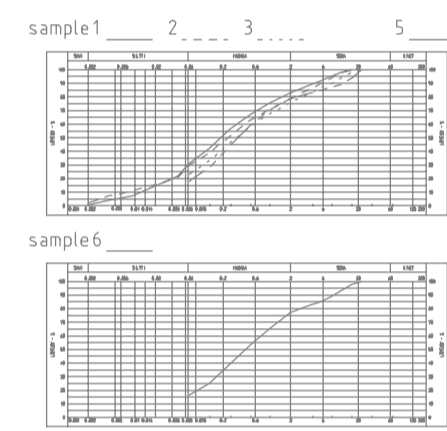
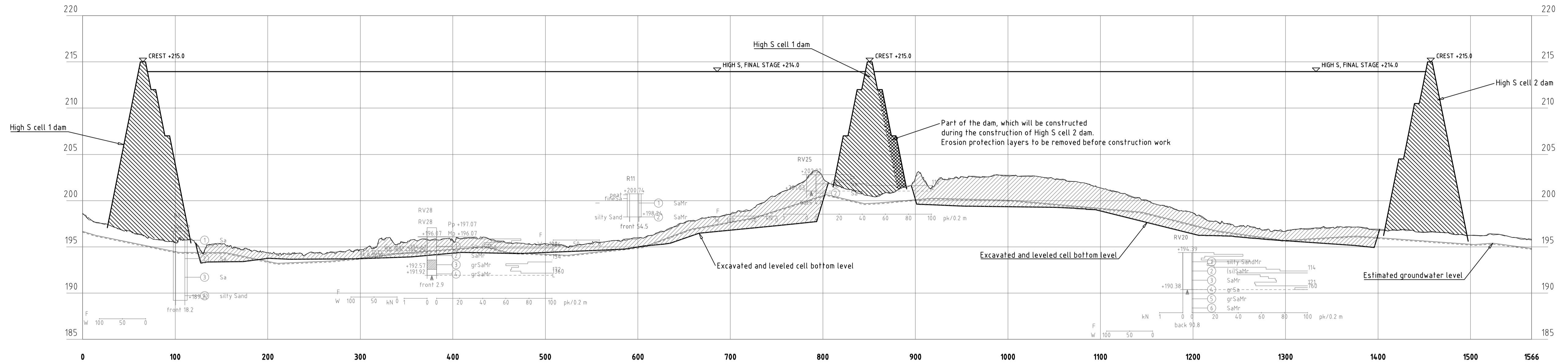
HK 10  
Sample 2



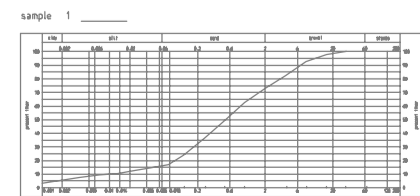
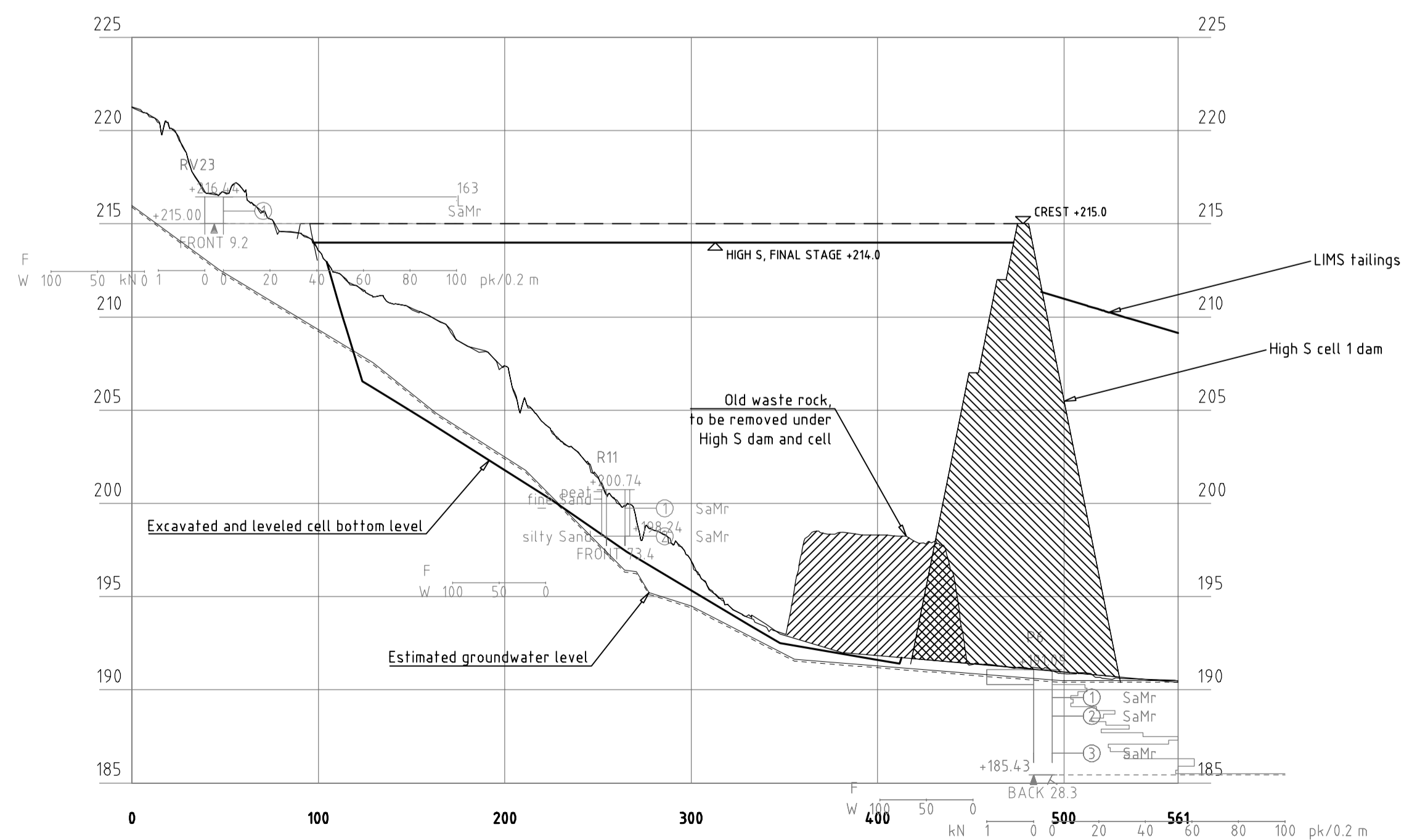
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Reviewed		Sign.	Date
Approved		Sign.	Date
Northland Mine's drawing number			
Project HANNUKAINEN DFS		Contract no 16FC1018.90	
Constr HUS		Sign.	Date 14.12.2012
Reviewed JLS		Sign.	Date 14.12.2012
Approved ILA		Sign.	Date 14.12.2012
INFRASTRUCTURE WP LONGITUDINAL SECTION PROCESS WATER POND DAM STATION RANGE 840-2289			Ref. drawings
Design Field / Discipline DAMS		Scale 1:2000/200	Size 84.0x297
Drawing number 16FC1018-60117			Rev.

RUNSASRIKKISEN RIKASTUSHIEKKA-ALTAAN PATO  
HIGH S SECTION C-C:  
1:2500/1:250



HIGH S SECTION D-D:  
1:2500/1:250



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<b>NORHLAND</b>	Reviewed	Siltgn.	Date
	Approved	Siltgn.	Date
Project		Northland Mine's drawing number	
HANNUKAINEN PHASE 2 DFS		Contract no.	16FC11018.110
<b>PÖYRY</b>	Const.	JOTU	Siltgn. 14.12.2012
	Reviewed	JLS	Siltgn. 14.12.2012
	Approved	ILA	Siltgn. 14.12.2012
TMF AND CP DESIGN		Ref. drawings	
SECTIONS C-C AND D-D		DeSiltgn Field / Discipline	Scale
HIGH S TAILINGS STORAGE FACILITY, FINAL STAGE (OPERATING YEAR 19)		TMF	1:2500/1:250
Drawing number		16FC11018-60110	
		Sheet	A1
		Rev.	