



ARQ Dams Engineers (Pty) Ltd

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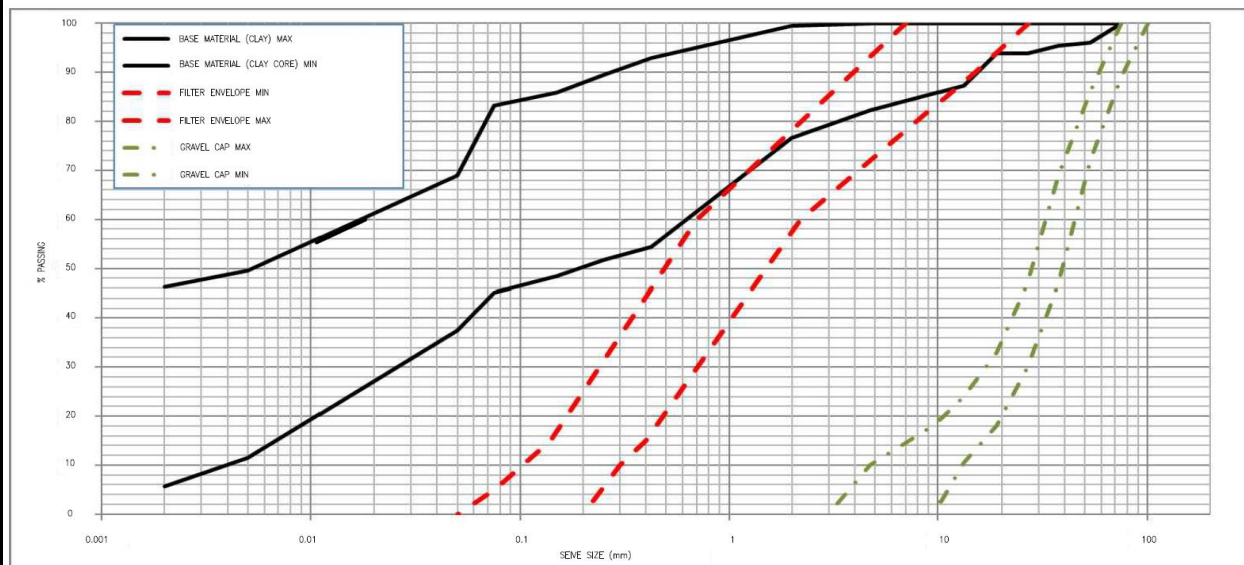
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PROJECT COMMUNICATION

Project					Raising of Tzaneen Dam		No.	1	
Project No.					9368		Date	01-Jun-23	
To:					Patrick Makuya, DWS: Construction North		Reference	PC 001	
Dwg. No	BOQ Item No	Spec Change	NCR	VO	Info. Request	Info. Issued	Instruction	Daywork	
9368-091									

UPDATED EMBANKMENT MATERIAL GRADING CURVES


DWS: Construction North requested additional information on embankment material. ARQ updated the grading curves (see additional notes below). Grading curve attached in Drawing and Excel format.



EMBANKMENT MATERIAL: GRADING CURVES

NOTE:

- REFER TO DRAWING 9368-205 FOR SECTION DETAILS ON THE FILTER (NEW FINE SAND) MATERIAL.
- CONTRACTOR TO SOURCE NEW RANDOM SEMI-PERVIOUS MATERIAL AND PROVIDE CURVES TO ENGINEER.
 - C > 4kPa
 - $\phi > 28^\circ$
- ENGINEER WILL DETERMINE GRADING OF NEW SAND LAYER ONCE CONTRACTOR HAS PROVIDED GRADING CURVES (SEE NOTE 2).

Issued by	Thys Kritzing			
Designation	Engineers Representative	Estimated quantity	N/A	
Signed		Estimated cost	N/A	
Date	01 June 2023	Cost code	N/A	
Received by		Effect on Program	N/A	
Designation				
Signed		Green	Yellow	White
Date		ARQ Copy	Contractor Copy	Client Copy
Approved by (Client)		Pages: 1		
Designation		Action		Date
Signed				
Date		To be executed by:		Immediately