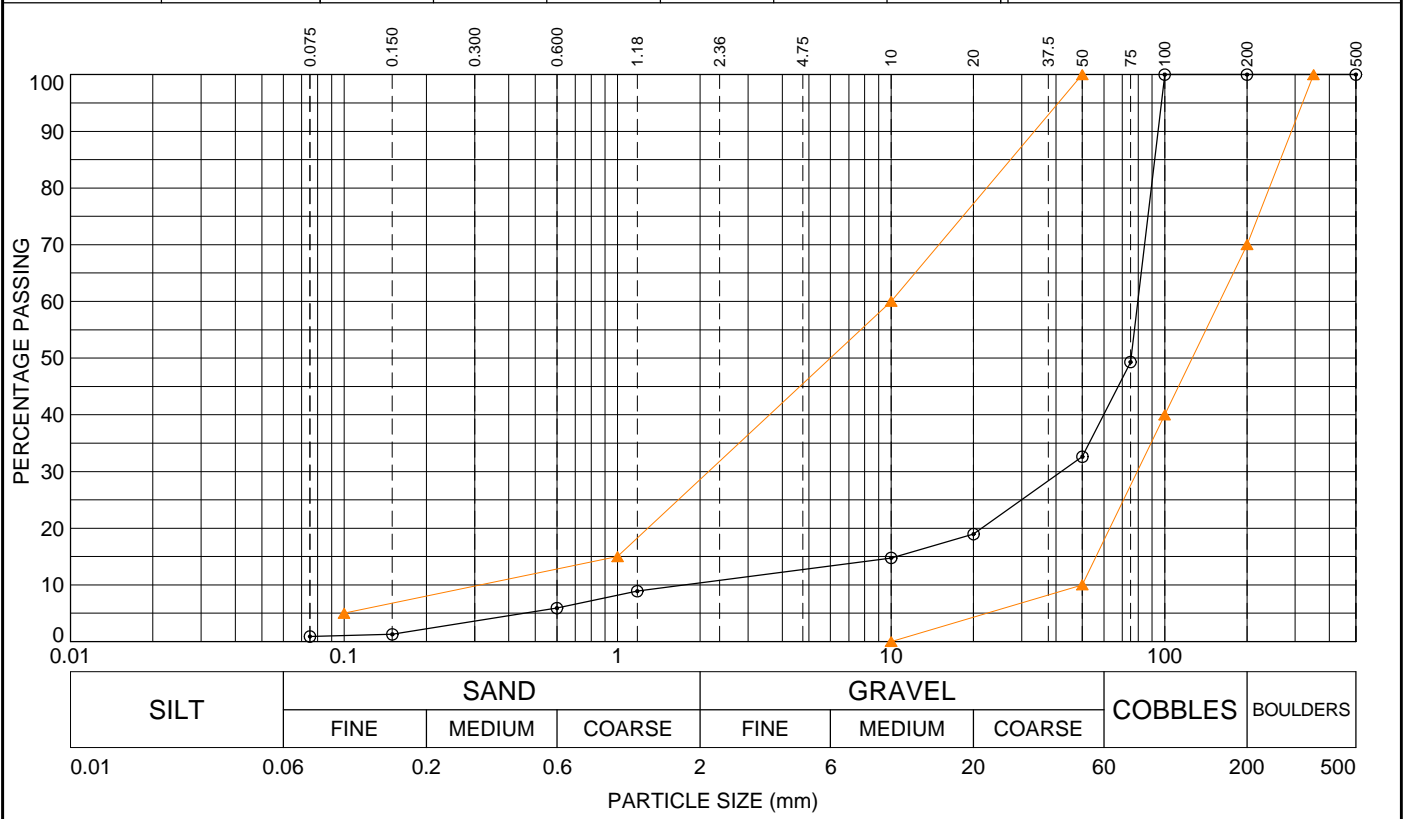


PROJECT CLIENT : Qatar Petroleum PROJECT : Ras Laffan Port Expansion Project LOCATION : Ras Laffan, Qatar PROJECT No. : C111-JDBW/PO32-06 RFI No. : ENG 239		DESTINATION AREA : SBK1SD LAYER : <-3m CHAINAGE : 4373/11 COORDS. : E 240670 m N 458331 m FILL TYPE : BWC-D		SOURCE HOLE ID : S-BIBO-SBK1-002 HOLE TYPE : SB SOURCE : SBK1 COORDS. : E 240665 m N 458341 m VESSEL : BIBO BARGE : NIJPT SAMPLE TYPE : B SPECIMEN REF : 1 SAMPLE DATE : 02/08/2006	
LABORATORY SPECIMEN DESCRIPTION: COBBLES with abundant gravel, rare sand and silt; angular to sub-angular; cream and light gray (calcarene Limestone in origin)					

PARTICLE SIZE DISTRIBUTION								SUMMARY	
PARTICLE SIZE (mm)	PERCENT PASSING	▲ BWC-D			MINIMUM	MAXIMUM	SPEC.	SOIL TYPE	% FRACTION
		MINIMUM	MAXIMUM	SPEC.					
500	100						CLAY		
200	100	70		Pass			SILT		
100	100	40		Pass			SILT AND CLAY	1	
75.0	49						SAND	9	
50.0	33	10	100	Pass			GRAVEL	30	
20.0	19						COBBLES	60	
10.0	15	0	60	Pass			BOULDERS	0	
1.18	9		15 @ 1mm	Pass			NOTES: Loss of mass in pretreatment: Dispersion method: Type of hydrometer:		
0.600	6								
0.150	1								
0.075	1		5	Pass					



GENERAL REMARKS: SPECIMEN PREPARATION: SIEVE: Oven dried	Fill Type ▲ BWC-D	Requirement Remark Meets requirement	Tested By DM	Tested Date 06/08/2006
	TEST METHOD: SIEVE: BS812-103:1985:7.2 washing and sieving		Checked By REL	Checked Date 06/08/2006
			Approved By REL	Approved Date 08/08/2006

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