

PROJECT NO. 2511-00105

CLIENT Parks Canada

TO

Parks Canada  
P.O. Box 900, 240 Hawke Ave.  
Banff, AB  
T1L 1K2

C.C.

ATTN: Mr. Dave Graham

PROJECT Test Pit Logs, Marmot Pit, Jasper  
Gravel Investigation

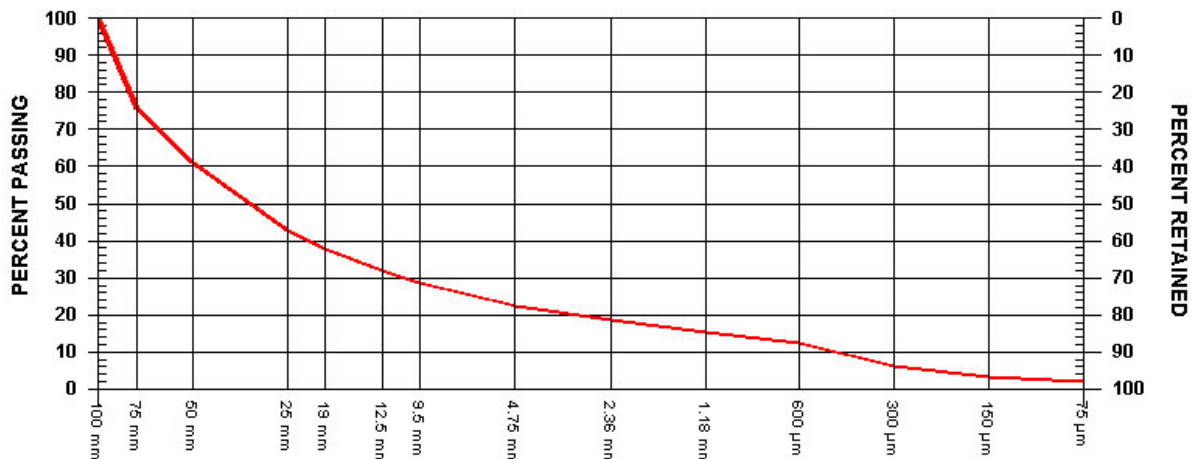
Jasper

CONTRACTOR

SIEVE TEST NO. 3      DATE RECEIVED 2009.May.01      DATE TESTED 2009.May.05      DATE SAMPLED 2009.Apr.29

SUPPLIER  
SOURCE Marmot Pit  
SPECIFICATION  
MATERIAL TYPE Pit Run

SAMPLED BY G. Stevenson  
TESTED BY B. Garlick  
TEST METHOD WASHED



GRAVEL SIZES		PERCENT PASSING	GRADATION LIMITS
100	mm	100.0	
75	mm	75.4	
50	mm	60.8	
25	mm	42.9	
19	mm	37.6	
12.5	mm	32.1	
9.5	mm	28.7	

SAND SIZES AND FINES		PERCENT PASSING	GRADATION LIMITS
4.75	mm	22.6	
2.36	mm	18.7	
1.18	mm	15.3	
600	µm	12.6	
300	µm	6.2	
150	µm	3.2	
75	µm	2.2	

COMMENTS

TP #2, 0.15 - 1.2 m  
Oversized material (+100 mm) is not included in sieve analysis.

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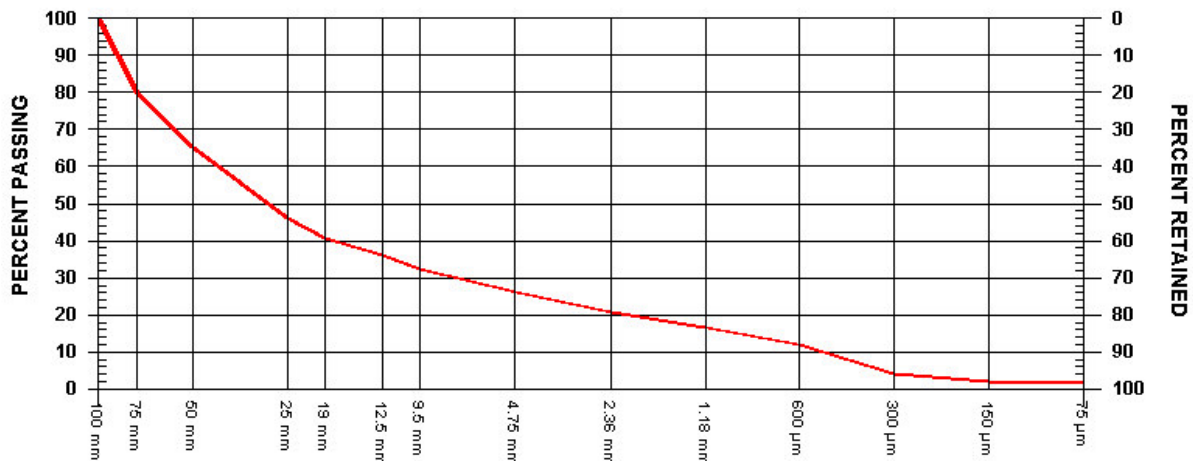
PROJECT Test Pit Logs, Marmot Pit, Jasper  
 Gravel Investigation  
 CONTRACTOR

Jasper

SIEVE TEST NO. 4      DATE RECEIVED 2009.May.01      DATE TESTED 2009.May.05      DATE SAMPLED 2009.Apr.29

SUPPLIER  
 SOURCE Marmot Pit  
 SPECIFICATION  
 MATERIAL TYPE Pit Run

SAMPLED BY G. Stevenson  
 TESTED BY B. Garlick  
 TEST METHOD WASHED



GRAVEL SIZES		PERCENT PASSING	GRADATION LIMITS
100	mm	100.0	
75	mm	80.0	
50	mm	65.0	
25	mm	46.1	
19	mm	40.5	
12.5	mm	36.0	
9.5	mm	32.2	

SAND SIZES AND FINES		PERCENT PASSING	GRADATION LIMITS
4.75	mm	26.0	
2.36	mm	20.8	
1.18	mm	16.7	
600	µm	12.0	
300	µm	4.1	
150	µm	2.2	
75	µm	1.7	

COMMENTS  
 TP #2, 1.2 - 3.0 m  
 Oversized material (+100 mm) is not included in sieve analysis.