



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

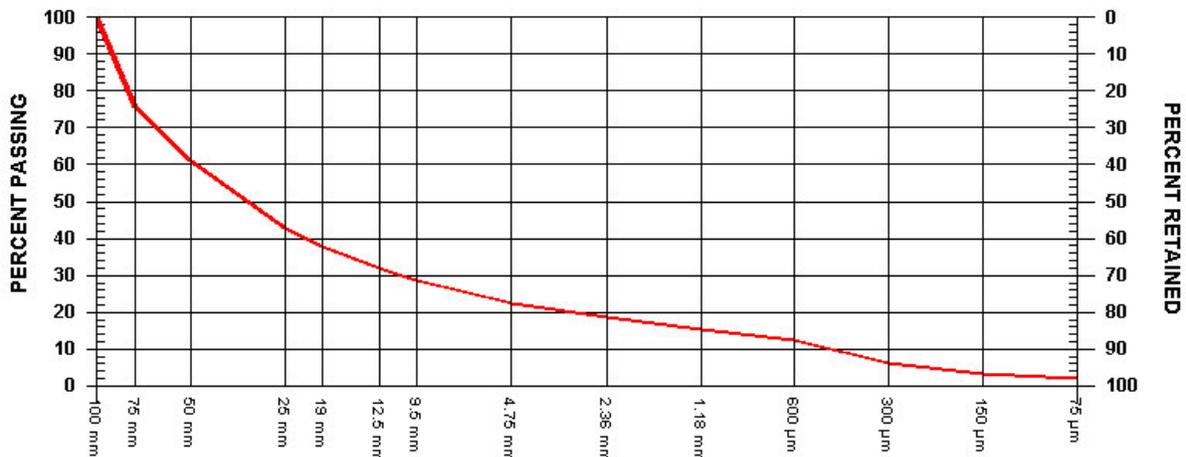
Jasper

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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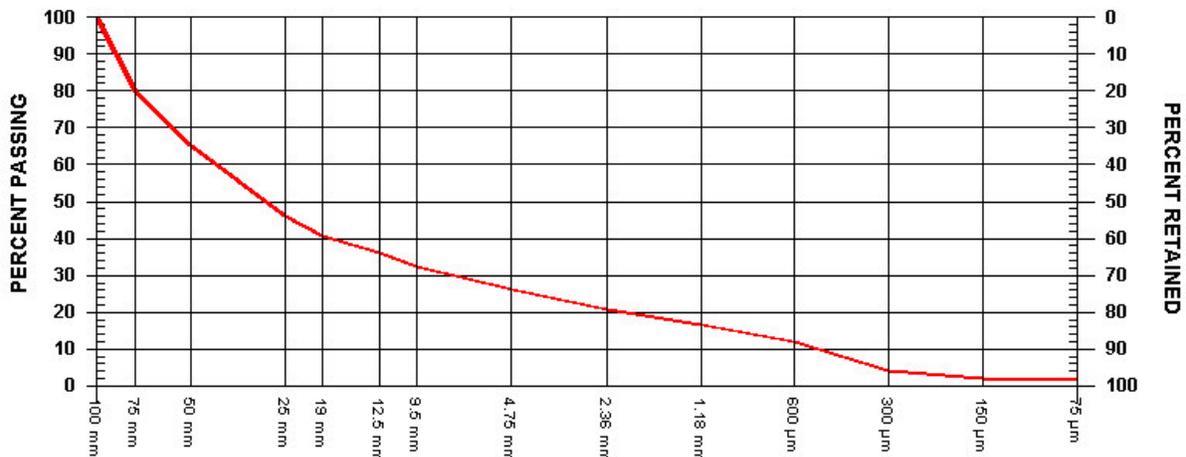
Jasper

CONTRACTOR

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.