

**GLASS BEADS TEST REPORT**

Project No.: EA16450



To: Alberta Transportation  
 Technical Standards Branch  
 2nd Floor, Twin Atria Building  
 4999 - 98 Ave  
 Edmonton, AB T6B 2X3

Distribution Addressee: WSP E&I Canada Limited  
 5671 - 70 Street  
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**Attn:Rishi Adhikari, P.Eng.**

Lab Number 2023	Date Received 2023	Date Reported 2023	Lot Number	Roundness (%)	Reflective (%)	Moisture Resistance	Sieve Analysis % Passing					Supplier	2023
							800	630	315	160	80		
GB1	May-16	Jul-31	MJ-H-91422-2	83.2	78.4	Pass	100.0	96.5*	38.4	3.9	0.0	POTTERS	B1 & B2
GB2	May-17	Jul-31	MJ-H-33023-1			Pass	100.0	95.0	25.2	1.7	0.66*	POTTERS	B3 & B4
GB3	May-17	Jul-31	MJ-H-101922-1	84.6	79.4	Pass	100.0	95.0	23.0	1.1	0.0	POTTERS	B5 & B6
GB4	May-23	Jul-31	MJ-H-50423-2			Pass	100.0	94.6	26.9	1.1	0.0	POTTERS	B7 & B8
GB5	May-24	Jul-31	MJ-H-120120	81.4	76.2	Pass	100.0	93.7	25.3	1.1	0.10*	POTTERS	B9 & B10
GB6	May-24	Jul-31	011823	80.6	75.8	Pass	100.0	75.4*	13.0	0.8	0.0	ISP	B11& B112
GB7	May-24	Jul-31	MJ-H-22321			Pass	100.0	94.9	19.7	1.7	0.0	POTTERS	B13 & B14
GB8	May-25	Jul-31	MJ-H-92122-1	79.2	74.8	Pass	100.0	92.0	27.8	3.2	0.00	POTTERS	B15 & B16
GB9	Jun-2	Jul-31	MJ-H-120120-2			Pass	99.2*	90.3	23.0	2.6	0.00	POTTERS	B17 & B8
GB10	Jun-5	Jul-31	MJ-H-51223-2	81.3	77.0	Pass	100.0	93.1	18.9	1.1	0.00	POTTERS	B19
<b>Specification</b>				<b>Min. 75</b>	<b>Min. 70</b>	<b>Pass</b>	<b>100</b>	<b>75-95</b>	<b>15-35</b>	<b>0-5</b>	<b>0</b>		

\* Indicates result outside tolerance limits.

Test not required by Alberta Transportation

PER:  Jul-31

Reviewed By: \_\_\_\_\_ DATE

Reporting of these results constitutes a testing service only. Engineering Interpretation or evaluation of the test results is provided only on written request.

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							800	630	315	160	80		
GB11	Jun-8	Aug-9	MJ-H-120120			Pass	98.8*	86.3	26.5	0.3	0.00	POTTERS	B22 & B23
GB12	Jun-9	Aug-9	MJ-H-102022-1	84.3	79.2	Pass	100.0	91.8	21.9	1.1	0.00	POTTERS	B28 & B29
GB13	Jun-9	Aug-9	MJ-H-51723-3			Pass	100.0	89.8	16.8	1.0	0.00	POTTERS	B30 & B231
GB14	Jun-13	Aug-9	MJ-H-50623-1	88.3	83.1	Pass	100.0	89.4	26.1	2.1	0.00	POTTERS	B32 & B33
GB15	Jun-20	Aug-9	MJ-H-51023-1			Pass	98.2*	87.4	23.9	1.3	0.00	POTTERS	B34
GB16	Jun-23	Aug-9	MJ-H-60223-2	82.3	77.1	Pass	100.0	91.1	23.4	2.5	0.00	POTTERS	B36 & B37
GB17	Jul-3	Aug-9	MJ-H-60123-2			Pass	100.0	94.7	33.1	1.5	0.00	POTTERS	B40 & B41
GB18	Jul-3	Aug-9	MJ-H-61423-1	84.5	79.5	Pass	100.0	91.3	25.2	2.8	0.00	POTTERS	B42 & B43
GB19	Jul-12	Aug-9	MJ-H-42123-1			Pass	100.0	94.6	26.3	3.9	0.0	POTTERS	B46 & B47
GB20	Jul-13	Aug-9	MJ-H-601253	76.4	72.0	Pass	98.3*	87.9	23.2	0.8	0.0	POTTERS	B50 & B51
<b>Specification</b>				<b>Min. 75</b>	<b>Min. 70</b>	<b>Pass</b>	<b>100</b>	<b>75-95</b>	<b>15-35</b>	<b>0-5</b>	<b>0</b>		

\* Indicates result outside tolerance limits.

Test not required by Alberta Transportation

PER:  Aug-9  
 DATE

Reviewed By: \_\_\_\_\_

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Lab Number	Date Received	Date Reported	Lot Number	Roundness (%)	Reflective (%)	Moisture Resistance	Sieve Analysis % Passing					Supplier	2023
							800	630	315	160	80		
<b>GB21</b>	Sep-20	Oct-19	MJ-H-60623-2	83.1	77.9	Pass	100.0	97.1*	35.2*	3.5	0.0	POTTERS	B138 & B139
<b>Specification</b>				<b>Min. 75</b>	<b>Min. 70</b>	<b>Pass</b>	<b>100</b>	<b>75-95</b>	<b>15-35</b>	<b>0-5</b>	<b>0</b>		

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Test not required by Alberta Transportation

PER: \_\_\_\_\_ Oct-19

**DATE**

Reviewed By: \_\_\_\_\_

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