



Levelton Consultants Ltd.

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CLIENT: K2 Stone Quarries					DATE TESTED: November 4, 2010		
PROJECT: Montana Stone Testing					FILE NO: V110-1883	REPORT NO.: 1	
SAMPLE No.	DIMENSIONS (mm)				LOAD (kN)	STRENGTH (MPa)	REMARKS
	L	W	H	Area (m <sup>2</sup> )			
<b>SAMPLE: Elk Ridge</b>							
ER1	51.0	51.0	53.0	0.002601	373.5	143.6	Parallel to bedding plane.
ER2	53.0	50.5	54.5	0.002677	360.8	134.8	Parallel to bedding plane.
ER3	52.0	48.0	52.0	0.002496	418.7	167.7	Parallel to bedding plane.
ER4	49.5	49.0	50.0	0.002426	313.2	129.1	Parallel to bedding plane.
ER5	52.5	50.0	53.0	0.002625	376.4	143.4	Perpendicular to bedding plane.
ER6	47.0	52.0	54.0	0.002444	309.3	126.6	Perpendicular to bedding plane.
ER7	54.0	48.0	51.0	0.002592	407.4	157.2	Perpendicular to bedding plane.
ER8	51.0	49.0	51.0	0.002499	423.5	169.5	Perpendicular to bedding plane.
<b>Average</b>						<b>146.5</b>	
<b>SAMPLE: Autumn Gold</b>							
AG1	48.0	47.0	52.0	0.002256	334.5	148.3	Parallel to bedding plane.
AG2	50.0	46.0	48.0	0.002300	403.1	175.3	Parallel to bedding plane.
AG3	47.0	46.0	50.0	0.002162	353.6	163.6	Parallel to bedding plane.
AG4	50.5	48.0	50.0	0.002424	333	137.4	Perpendicular to bedding plane.
AG5	50.0	46.0	48.0	0.002300	323	140.4	Perpendicular to bedding plane.
AG6	49.5	49.0	49.0	0.002426	347.7	143.4	Perpendicular to bedding plane.
<b>Average</b>						<b>151.4</b>	
<b>SAMPLE: Autumn Flame</b>							
RM1	50.0	46.0	48.0	0.002300	469.1	204.0	Parallel to bedding plane.
RM2	49.0	44.0	51.0	0.002156	244.1	113.2	Parallel to bedding plane.
RM3			45.0	0.003080	355.4	115.4	Parallel to bedding plane.
RM4	47.0	46.0	50.0	0.002162	331.1	153.1	Perpendicular to bedding plane.
RM5	49.5	44.0	54.0	0.002178	244.7	112.4	Perpendicular to bedding plane.
RM6	48.0	48.0	50.5	0.002304	343.4	149.0	Perpendicular to bedding plane.
<b>Average</b>						<b>141.2</b>	

REMARKS: Trimmed and tested both perpendicular and parallel to bedding plane  
 Technician: Iain Stewart, ASCT  
 Distribution: Dave Rinas, K2

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This report represents a testing service only. No engineering interpretation is expressed or implied.  
 Engineering review and interpretation can be provided on written request.



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**STONE/ROCK DENSITY REPORT**

CLIENT:	K2 Stone Quarries			Date:	November 9 2010
PROJECT:	Montana Stone Evaluation			File:	V/10-1883
Sample No.	Location	Unit Weight (kg/m <sup>3</sup> )	Absorption (%)		
ER1	Elk Ridge	2651	0.368		
ER2	Elk Ridge	2659	0.367		
ER3	Elk Ridge	2652	0.358		
	Average	2654	0.364		
AG1	Autumn Gold	2648	0.322		
AG2	Autumn Gold	2639	0.407		
AG3	Autumn Gold	2630	0.484		
	Average	2639	0.404		
RM1	Autumn Flame	2700	0.279		
RM2	Autumn Flame	2692	0.380		
RM3	Autumn Flame	2700	0.363		
	Average	2697	0.341		

Technician: Iain Stewart, ASct  
Distribution: Dave Rinas, K2

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