

ASCENT SUN HOLDINGS LIMITED

CERTIFICATE OF ANALYSIS(Barmac Machine process)

PHYSICAL ANALYSIS									
Lot No.	Lot Qty	Size	GRADING (MICRON)					Magnetics	Bulk Density
1.000	F8	+4000	+2800	+2360	+2360, +2000	-1700		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.99-2.07	
		0.0%	10.00%	53.00%	87.00%	0.3%	0.0051%	2.05	
1.000	F10	+3335	+2360	+2000	+2000, +1700	-1400		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.97-2.05	
		0.0%	12.00%	62.00%	86.00%	0.4%	0.0053%	2.03	
1.000	F12	+2800	+2000	+1700	+1700, +1400	-1180		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.95-2.05	
		0.0%	6.00%	61.00%	89.00%	0.2%	0.0053%	2.01	
1.000	F14	+2360	+1700	+1400	+1400, +1180	-1000		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.93-2.04	
		0.0%	8.00%	59.00%	87.00%	0.4%	0.0049%	1.95	
1.000	F16	+2000	+1400	+1180	+1180, +1000	-850		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.92-2.02	
		0.0%	6.00%	61.00%	88.00%	0.5%	0.0055%	1.95	
1.000	F20	+1700	+1180	+1000	+1000, +850	-710		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.85-1.97	
		0.0%	12.00%	53.00%	82.00%	0.3%	0.0054%	1.90	
1.000	F22	+1400	+1000	+850	+850, +710	-600		(g/cm3)	
		0%	0-20%	45-100%	70-100%	0-3%	0-0.02%	1.85-1.97	
		0.0%	6.00%	50.00%	87.00%	0.4%	0.0052%	1.90	
1.000	F24	+1180	+850	+710	+710, +600	-500		(g/cm3)	
		0%	0-25%	45-100%	65-100%	0-3%	0-0.02%	1.85-1.97	
		0.0%	10.00%	60.00%	83.00%	0.4%	0.0049%	1.89	
1.000	F30	+1000	+710	+600	+600, +500	-425		(g/cm3)	
		0%	0-25%	45-100%	65-100%	0-3%	0-0.02%	1.82 - 1.94	
		0.0%	14.00%	59.00%	79.00%	0.3%	0.0056%	1.87	
1.000	F36	+850	+600	+500	+500, +425	-355		(g/cm3)	
		0%	0-25%	45-100%	65-100%	0-3%	0-0.02%	1.78 - 1.90	
		0.0%	15.00%	59.00%	81.00%	0.4%	0.0054%	1.83	
1.000	F40	+710	+500	+425	+425, +355	-300		(g/cm3)	
		0%	0-30%	40-100%	65-100%	0-3%	0-0.02%	1.77- 1.91	
		0.0%	13.00%	60.00%	82.00%	0.2%	0.0054%	1.82	
1.000	F46	+600	+425	+355	+355, +300	-250		(g/cm3)	
		0%	0-30%	40-100%	65-100%	0-3%	0-0.02%	1.74- 1.86	
		0.0%	16.00%	53.00%	81.00%	0.3%	0.0051%	1.79	
1.000	F54	+500	+355	+300	+300, +250	-212		(g/cm3)	
		0%	0-30%	40-100%	65-100%	0-3%	0-0.02%	1.71- 1.85	
		0.0%	11.00%	59.00%	86.00%	0.2%	0.0051%	1.75	
1.000	F60	+425	+300	+250	+250, +212	-180		(g/cm3)	
		0%	0-30%	40-100%	65-100%	0-3%	0-0.02%	1.69- 1.81	
		0.0%	12.00%	57.00%	86.00%	0.4%	0.0057%	1.75	
1.000	F70	+355	+250	+212	+212 +180	-150		(g/cm3)	
		0%	0-25%	40-100%	65-100%	0-3%	0-0.02%	1.69- 1.81	
		0.0%	17.00%	54.00%	77.00%	0.4%	0.0050%	1.74	
1.000	F80	+300	+212	+180	+180 +150	-125		(g/cm3)	
		0%	0-25%	40-100%	65-100%	0-3%	0-0.02%	1.69- 1.81	
		0.0%	11.00%	50.00%	83.00%	0.3%	0.0049%	1.73	
1.000	F90	+250	+180	+150	+150 +125	-106		(g/cm3)	
		0%	0-20%	40-100%	65-100%	0-3%	0-0.02%	1.67- 1.75	
		0.0%	13.00%	52.00%	84.00%	0.4%	0.0049%	1.71	
1.000	F100	+212	+150	+125	+125 +106	-75		(g/cm3)	
		0%	0-20%	40-100%	65-100%	0-3%	0-0.02%	1.65- 1.77	
		0.0%	14.00%	55.00%	84.00%	0.4%	0.0053%	1.70	
1.000	F120	+180	+125	+106	+106 +90	-63		(g/cm3)	
		0%	0-20%	40-100%	65-100%	0-3%	0-0.02%	1.65- 1.77	
		0.0%	6.00%	57.00%	92.00%	0.3%	0.0049%	1.69	
1.000	F150	+150	+106	+75	+75 +63	-45		(g/cm3)	
		0%	0-15%	40-100%	65-100%	0-3%	0-0.02%	1.65- 1.77	
		0.0%	9.00%	53.00%	84.00%	0.4%	0.0056%	1.69	
1.000	F180	+125	+90	+63	+63 +53	-53		(g/cm3)	
		0%	0-15%	40-100%	65-100%	0-3%	0-0.02%	1.65- 1.77	
		0.0%	15.00%	59.00%	80.00%	0.3%	0.0052%	1.68	
1.000	F220	+106	+75	+53	+53 +45	-45		(g/cm3)	
		0%	0-15%	40-100%	60-100%	0-3%	0-0.02%	1.64- 1.76	
		0.0%	10.00%	61.00%	86.00%	0.4%	0.0057%	1.70	