

#	River	Site	Sample	GSZ class (µm)	%finer	%class	%coarser	method	tHMc	total grains	Operator	HMC	IHMC	HM %weight	THM %weight	zircon	tourmaline	rutile	Ti oxides	apatite	titanite	monazite	epidote	garnet	chloritoid	staurolite	andalusite	kyanite	sillimanite	hornblende	oxy-hornblende	glaucoophane	& amphiboles	clinopyroxene	enstatite	hypersthene	olivine	spinel	total	HCl	MMI	ZTR	% transparent	% opaques	% Fe oxides	% Ti oxides	% turbid HM	% rock fragments	% soils & turbid	% chlorite	% biotite	% carbonates	% light minerals	total		
SAND BARS																																																								
1	Nmai Hka	Myit-san	MD298	15-500	0%	86%	13%	Point	211	278	M.Limonta	18.4	14.0	26.8	24.1	0	0	0.5	0	0.5	0	0	12	13	0	0	0	0	0.5	55	0	0	10	5	0.9	1	1	0	100.0	10	n.d.	0.5	76%	7%	1%	0%	1%	1%	13%	1%	1%	0%	0%	100.0%		
2	Mali Hka	Myit-san	MD314	15-500	1%	93%	6%	Point	212	371	M.Limonta	5.7	3.2	8.3	6.6	0	0.5	0	0	0.5	6	0	26	5	0	0	0	0	0	47	0.5	0	8	6	0	100.0	16	n.d.	0.5	57%	13%	1%	0%	0%	2%	16%	3%	7%	0%	1%	100.0%					
3	Irrawaddy	Myit-san	MD313	15-500	0%	87%	13%	Point	206	277	M.Limonta	11.7	8.7	12.7	11.7	0.5	0.5	1	0	0	1	0	23	7	0	0	0	0	0.5	55	0	0	7	2	1	0	0	0.5	100.0	10	n.d.	2	74%	4%	2%	0%	0%	3%	13%	1%	1%	0%	1%	100.0%		
4	Irrawaddy	Myitkyina	MD297	>15	1%	99%	0%	Point	206	270	M.Limonta	10.5	8.0	12.3	10.8	2	0	0.5	0	0.5	1	0	17	17	0	0	0	0	0	44	0	0	12	2	1	0.5	1	1	100.0	8	n.d.	3	76%	10%	0%	0%	0%	3%	7%	1%	3%	0%	1%	100.0%		
5	Irrawaddy	Mandalay	MD177	15-500	1%	89%	10%	Point	223	286	M.Limonta	7.8	6.1	8.4	8.0	0	0.4	0	0	0.4	0.4	0	22	9	0	0.4	0	0	52	0	0	54	0	0	13	2	0	0.4	0	1	100.0	13	n.d.	0.4	78%	4%	0%	0%	0%	1%	15%	0%	0%	0%	1%	100.0%
6	Irrawaddy	Sagaing	MD178	15-500	0%	89%	11%	Point	206	268	M.Limonta	5.7	4.3	6.7	6.3	1	0.5	0	0	0	1	0	10	10	0	0	0	0.5	64	0	0	6	5	0.5	1	0	0	100.0	10	n.d.	1	77%	3%	1%	0%	0%	1%	15%	0%	0%	0%	1%	100.0%			
7	Chindwin	Kalewa	MD84	15-500	1%	51%	48%	Point	205	300	M.Limonta	2.2	1.5	3.2	3.0	0.5	0.5	2.4	0	0.5	0	0	42	5	0.5	2.4	0.0	2	0	37	0.5	1	4	0	0	0	0	2	100.0	24	43	3	68%	3%	0%	0%	0%	4%	22%	1%	0%	0%	0%	100.0%		
8	Myitha	Kyaauka	MD66	15-500	1%	31%	68%	Point	211	564	M.Limonta	1.1	0.4	1.1	0.8	3	0	0.5	0	0.9	0	0	18	9	0	0.0	0.5	0	0	8	0.5	0	2	18	28	9	0	3	100.0	16	n.d.	4	37%	2%	8%	0%	1%	2%	45%	4%	0%	0%	0%	100.0%		
9	Chindwin	Monywa	MD1	15-500	0%	54%	45%	Area	206	450	M.Limonta	0.9	0.4	1.3	1.2	0	2	0	0	0.5	1	0	30	10	0	1	0.5	2	0	34	0.5	0	4	6	6	0	0.5	1	100.0	16	54	2	46%	2%	1%	0%	0%	3%	46%	1%	0%	0%	0%	100.0%		
A	Irrawaddy	Bagan	MD371	15-500	1%	72%	27%	Point	222	303	M.Limonta	2.8	2.0	3.3	3.0	0	0	1	0	0.5	0.9	0	25	11	0	1	0.5	0																												