



**UNITED REPUBLIC OF TANZANIA
MINISTRY OF MINERALS
MINING COMMISSION**



COLOURED GEMSTONES PRICE GUIDE

Mining Commission is mandated to produce indicative prices of minerals with reference to prevailing local and international markets for the purpose of assessment and valuation of minerals. The Mining Commission is hereby publishing price guide for coloured gemstones produced in Tanzania Mainland.

These prices are based on colour, cut, carat and clarity (4Cs) graded by the qualified gemologists and applicable effectively from **1st October 2022**.

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE									COMMERCIAL GRADE						INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH					ROUGH						ROUGH
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY			Price (US\$/Ton)	
			Price (US\$/Carat)	Price (US\$/Gram)			Price (US\$/Gram)	Price (US\$/Kilogram)									
Carats	A	B	C	Grams	A	B	C	A	B	C	A	B	C	D			
1.	Apatite	0.50 - 0.99	34	7	2	0.20 - 0.49	41	8	2								
		1.00 - 2.99	61	25	7	0.50 - 1.49	73	28	6								
		3.00 - 4.99	73	29	9	1.50 - 2.49	88	31	6								
		5.00 - 9.99	82	32	11	2.50 - 4.99	98	35	10								
		+10.00	+85	+37	+14	+5.00	+98	+41	+13								
									0.25	0.15	0.10	10	8	5	3		
2.	BERYL: Aquamarine	0.01 - 0.99	98	30	5	0.01 - 0.49	119	33	3								
		1.00 - 4.99	226	55	8	0.50 - 2.49	272	60	5								
		5.00 - 9.99	257	86	20	2.50 - 4.99	308	95	18								
		+10.00	+299	+119	+26	+5.00	+359	+131	+23								
									2.00	1.00	0.70	600	118	50	29		
3.	BERYL: Emerald	0.50 - 0.99	1,100	330	165	0.20 - 0.49	1,237	197	13								
		1.00 - 1.99	2,000	600	300	0.50 - 0.99	2,407	500	17								
		2.00 - 2.99	2,500	750	375	1.00 - 1.49	3,034	712	24								
		3.00 - 4.99	3,000	900	450	1.50 - 2.49	3,333	972	32								
	+5.00	+5,000	+1,500	+750	+2.50	+5,095	+1,404	+64									
4.	BERYL: Emerald (Sumbawanga)									5.00	3.00	1.00	900	450	200	100	
5.	BERYL:	1.00 - 2.99	42	22	5	0.40 - 1.49	50	24	5								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
	(Golden, Green & Morganite)	3.00 - 4.99	58	25	7	1.50 - 2.49	70	27	6								
		5.00 - 9.99	65	32	8	2.50 - 4.99	78	35	7								
		10.00 - 19.99	111	38	10	5.00 - 9.99	134	42	9								
		+20.00	+145	+50	+13	+10.00	+174	+55	+12								
6.	CHRYSOBERYL: Alexandrite	0.01 - 0.99	1,874	720	104	0.10 - 0.49	2,272	800	94								
		1.00 - 1.99	2,756	1,036	161	0.50 - 0.99	3,324	1,146	146								
		2.00 - 2.99	3,638	1,267	184	1.00 - 1.49	4,705	1,398	166								
		3.00 - 4.99	3,914	1,497	276	1.50 - 2.49	4,981	1,650	249								
		+5.00	+5,088	+1,946	+359	+2.50	+6,106	+2,141	+323								
7.	CHRYSOBERYL: Cat's Eye Chrysoberyl	0.50 - 0.99	268	150	23	0.20 - 0.49	325	166	21								
		1.00 - 2.99	992	222	43	0.50 - 1.49	1,195	245	39								
		3.00 - 4.99	1,166	378	59	1.50 - 2.49	1,401	417	53								
		5.00 - 9.99	1,709	543	118	2.50 - 4.99	2,053	598	107								
		+10.00	+2,222	+706	+154	+5.00	+2,666	+776	+139								
8.	CHRYSOBERYL: Green & Yellow Chrysoberyl	1.00 - 2.99	55	26	4	0.40 - 1.49	85	38	4								
		3.00 - 4.99	82	39	9	1.50 - 2.49	129	56	8								
		5.00 - 9.99	157	56	9	2.50 - 4.99	247	81	8								
		10.00 - 14.99	231	81	9	5.00 - 7.49	361	114	8								
		+15.00	+300	+104	+11	+7.50	+469	+148	+10								
9.	CORUNDUM: Ruby	0.50 - 0.99	888	375	21	<0.10	3	1.50	0.50								
		1.00 - 2.99	2,797	408	25	0.10 - 0.29	20	10	3								
		3.00 - 4.99	5,613	1,638	46	0.30 - 0.49	200	50	20								
		5.00 - 7.99	8,354	2,303	86	0.50 - 0.99	1,000	200	23								
		+8.00	+10,860	+2,994	+111	1.00 - 1.49	3,368	450	30								
						1.50 - 2.49	6,749	1,806	42								
						2.50 - 3.99	10,037	2,536	77								
						+4.00	+13,032	+3,293	+100								
10.	CORUNDUM: Blue Sapphire (Tunduru)	0.50 - 0.99	630	123	17	<0.10	2	1	0.40								
		1.00 - 2.99	1,591	354	37	0.10 - 0.29	16	8	2								
		3.00 - 4.99	2,126	633	64	0.30 - 0.49	160	40	16								
		5.00 - 9.99	3,430	1,077	99	0.50 - 0.99	800	160	18								
		+10.00	+5,009	+1,283	+149	1.00 - 1.49	2,694	360	24								
						1.50 - 2.49	5,399	1,445	33								
						2.50 - 4.99	8,030	2,029	62								
						+5.00	+10,426	+2,634	+80								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE							COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH			ROUGH							ROUGH
		SIZE		QUALITY		SIZE	QUALITY		QUALITY			QUALITY				Price (US\$/Ton)
		Carats	Price (US\$/Carat)		Grams		Price (US\$/Gram)		Price (US\$/Gram)			Price (US\$/Kilogram)				
	A	B	C		A	B	C	A	B	C	A	B	C	D		
11.	CORUNDUM: Green, Reddish Pink & Bi – Colour Sapphire (Songea)					<0.10	1	1	1							
						0.10 - 0.29	5	5	2							
						0.30 - 0.49	50	12	10							
						0.50 - 0.99	50	25	11							
						1.00 - 1.49	842	115	15							
						1.50 - 2.49	1,510	450	21							
						2.50 - 4.99	2,500	905	39							
				+5.00	3,200	1,080	50									
12.	CORUNDUM: Orange Sapphire	0.50 - 0.99	236	89	11	<0.10	2	1	0.25							
		1.00 - 2.99	591	222	29	0.10 - 0.29	10	5	2							
		3.00 - 4.99	851	362	36	0.30 - 0.49	100	25	10							
		5.00 - 9.99	1,055	452	48	0.50 - 0.99	500	100	12							
		+10.00	+1,503	+730	+71	1.00 - 1.49	1,684	225	15							
						1.50 - 2.49	3,375	903	21							
						2.50 - 4.99	5,019	1,268	39							
				+5.00	+6,516	+1,647	+50									
13.	CORUNDUM: Pink Sapphire	0.50 - 0.99	282	48	8	<0.10	2	1	0.25							
		1.00 - 2.99	704	120	21	0.10 - 0.29	10	5	2							
		3.00 - 4.99	1,063	197	59	0.30 - 0.49	100	25	10							
		5.00 - 6.99	1,874	617	165	0.50 - 0.99	500	100	12							
		+7.00	+2,741	+979	+345	1.00 - 1.49	1,684	225	15							
						1.50 - 2.49	3,375	903	21							
						2.50 - 4.99	5,019	1,268	39							
				+5.00	+6,516	+1,647	+50									
14.	CORUNDUM: Purple Sapphire (Bi – Colour Sapphire prices should be based on the dominant colour)	0.50 - 0.99	207	74	11	<0.10	2	1	0.25							
		1.00 - 2.99	517	186	29	0.10 - 0.29	10	5	2							
		3.00 - 4.99	788	308	41	0.30 - 0.49	100	25	10							
		5.00 - 6.99	992	411	62	0.50 - 0.99	500	100	12							
		+7.00	+1,103	+456	+83	1.00 - 1.49	1,684	225	15							
						1.50 - 2.49	3,375	903	21							
						2.50 - 4.99	5,019	1,268	39							
				+5.00	+6,516	+1,647	+50									
15.	CORUNDUM: White Sapphire	0.50 - 0.99	42	16	4	<0.10	2	1	0.25							
		1.00 - 2.99	263	105	7	0.10 - 0.29	10	5	2							
		3.00 - 4.99	289	117	11	0.30 - 0.49	100	25	10							
		5.00 - 9.99	315	138	14	0.50 - 0.99	500	100	12							

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		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price	
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)	
	A	B	C	A	B	C	A	B	C	A	B	C	D					
		+10.00	+410	+180	+18	1.00 - 1.49	1,684	225	15									
						1.50 - 2.49	3,375	903	21									
						2.50 - 4.99	5,019	1,268	39									
						+5.00	+6,516	+1,647	+50									
16.	CORUNDUM: Yellow Sapphire	0.50 - 0.99	91	19	3	<0.10	2	1	0.25									
		1.00 - 2.99	228	47	7	0.10 - 0.29	10	5	2									
		3.00 - 4.99	387	130	14	0.30 - 0.49	100	25	10									
		5.00 - 9.99	445	145	25	0.50 - 0.99	500	100	12									
		+10.00	+481	+175	+35	1.00 - 1.49	1,684	225	15									
							1.50 - 2.49	3,375	903	21								
17.	CORUNDUM: Sapphire									0.30	0.16	0.05	195	95	24			
18.	Danburite	0.50 - 0.99	2	1	0.46	0.20 - 0.49	2	1	0.44									
		1.00 - 2.99	8	4	2	0.50 - 1.49	7	4	1									
		3.00 - 4.99	15	8	3	1.50 - 2.49	15	7	3									
		5.00 - 9.99	25	13	5	2.50 - 4.99	24	12	5									
		+10.00	+36	+18	+7	+5.00	+35	+17	+7									
19.	Diopside	0.50 - 0.99	33	18	7	0.20 - 0.49	32	17	7									
		1.00 - 4.99	51	26	11	0.50 - 2.49	48	25	10									
		+5.00	+66	+34	+14	+2.5	+63	+32	+13									
										12	3.50	0.50						
20.	Green Epidote	0.50 - 0.99	20	8	2	0.20 - 0.49	19	8	2									
		1.00 - 2.99	72	16	4	0.50 - 1.49	68	15	4									
		3.00 - 4.99	89	31	8	1.50 - 2.49	85	29	8									
		5.00 - 9.99	101	47	17	2.50 - 4.99	96	45	16									
		+10.00	+111	+52	+19	+5.00	+106	+49	+18									
21.	FELDSPAR: Amazonite									0.02	0.01	0.00	12	6	2.00	1.00	500	
22.	FELDSPAR: Goldenshine												35	15	10	5	2,000	
23.	FELDSPAR: (Kilosa and Mpwapwa)																	250
24.		1.00 - 2.99	23	8	1	0.50 - 1.49	7	5	1									

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		CUT AND POLISHED				ROUGH				ROUGH							
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		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
	FELDSPAR: Moonstone	3.00 - 4.99	37	11	1	1.50 - 2.49	10	7	2								
		5.00 - 19.99	42	12	1	2.50 - 9.99	20	15	4								
		20.00 - 49.99	55	14	1	10.00 - 24.99	40	25	10								
		+50.00	+58	+21	+4	+25.00	+55	+30	+15								
25.	FELDSPAR: Orthoclase									0.19	0.10	0.03	121	59	15	5	500
	Fluorite	1.00 - 2.99	10	6	1	0.50 - 1.49	11	6	1								
		3.00 - 4.99	34	10	2	1.50 - 2.49	41	10	2								
		5.00 - 19.99	48	24	9	2.50 - 9.99	58	26	8								
		20.00 - 49.99	63	31	11	10.00 - 24.99	75	34	10								
		+50.00	+94	+47	+17	+25.00	+113	+51	+15								
	GARNET: Almandite	0.50 - 0.99	5	3	1	0.20 - 0.49	7	3	1								
		1.00 - 4.99	11	5	1	0.50 - 2.49	13	6	1								
		5.00 - 9.99	16	7	1	2.50 - 4.99	20	8	1								
		10.00 - 29.99	30	9	2	5.00 - 14.99	36	10	2								
		+30.00	+39	+12	+3	+15.00	+47	+13	+3								
										0.09	0.05	0.02	60	30	7	3	2,000
	GARNET: Colour Change Garnet	0.50 - 0.99	206	106	13	0.20 - 0.49	250	118	12								
		1.00 - 1.99	386	166	27	0.50 - 0.99	465	184	24								
		2.00 - 2.99	499	200	48	1.00 - 1.49	601	220	43								
		+3.00	+648	+259	+62	+1.50	+1,294	+475	+93								
	GARNET: Green Grossular	0.50 - 0.99	50	35	25	0.20 - 0.49	20	10	5								
		1.00 - 2.99	250	100	47	0.50 - 1.49	150	105	55								
		3.00 - 4.99	500	250	50	1.50 - 2.49	625	260	75								
		5.00 - 9.99	1,250	236	59	2.50 - 4.99	793	352	92								
		+10.00	+1,500	+225	+56	+5.00	+1,030	+457	+119								
										0.15	0.10	0.05	24	12	3		
	GARNET: Hessonite	0.50 - 0.99	26	15	3	0.20 - 0.49	31	17	3								
		1.00 - 2.99	36	21	3	0.50 - 1.49	43	23	3								
		3.00 - 4.99	45	27	4	1.50 - 2.49	54	29	3								
		5.00 - 9.99	52	31	5	2.50 - 4.99	63	35	4								
		+10.00	+67	+40	+6	+5.00	+80	+44	+5								
										0.14	0.07	0.02	91	44	7	5	1,500
	GARNET: Rhodolite	0.50 - 0.99	18	6	1	0.20 - 0.49	22	6	1								
		1.00 - 2.99	29	11	2	0.50 - 1.49	35	12	2								

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		CUT AND POLISHED				ROUGH				ROUGH						ROUGH	
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY			Price	
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)			(US\$/Ton)	
	A	B	C	A	B	C	A	B	C	A	B	C	D				
		3.00 - 4.99	44	17	3	1.50 - 2.49	53	19	2								
		5.00 - 9.99	60	22	7	2.50 - 4.99	72	25	6								
		+10.00	+81	+34	+10	+5.00	+97	+38	+9								
										0.28	0.15	0.05	181	89	22		
32.	GARNET: Spessartite	0.50 - 0.99	10	5	2	0.20 - 0.49	6	2	1								
		1.00 - 2.99	50	30	2	0.50 - 1.49	31	14	1								
		3.00 - 4.99	80	30	7	1.50 - 2.49	34	14	3								
		5.00 - 9.99	100	40	11	2.50 - 4.99	58	20	5								
		+10.00	+200	+50	+21	+5.00	+61	+28	+9								
										0.19	0.10	0.03	121	59	15	5	2,000
33.	GARNET: Tsavorite	0.50 - 0.99	100	50	20	<0.10	2	1	1								
		1.00 - 1.99	250	150	50	0.10 - 0.19	8	4	2								
		2.00 - 2.99	450	250	150	0.20 - 0.29	50	30	20								
		3.00 - 4.99	1,039	472	236	0.30 - 0.49	100	35	25								
		5.00 - 9.99	2,500	750	375	0.50 - 0.99	200	100	40								
		+10.00	+3,000	+900	+450	1.00 - 1.50	500	250	50								
						1.50 - 2.49	1,249	520	110								
						2.50 - 4.99	1,586	703	184								
				+5.00	+2,060	+913	+239										
									10.00	5.00	2.00	150	100	50	20	10,000	
34.	Iolite	0.50 - 0.99	13	8	1	0.20 - 0.49	16	8	1.21								
		1.00 - 4.99	32	18	3	0.50 - 2.49	38	20	3.00								
		5.00 - 9.99	43	25	5	2.50 - 4.99	52	27	4.79								
		+10.00	+56	+32	+7	+5.00	+67	+36	+6.22								
												40	30	20	10	5,000	
35.	Kornerupine	1.00 - 2.99	103	62	22	0.50 - 1.49	124	68	19.52								
		3.00 - 4.99	106	63	22	1.50 - 2.49	127	70	20.01								
		5.00 - 9.99	108	65	23	2.50 - 4.99	130	72	20.49								
		+10.00	+115	+69	+24	+5.00	+138	+76	+21.74								
36.	Kyanite									0.84	0.44	0.15	544	266	66	6	2,000
37.	Kunzite	1.00 - 2.99	38	17	3	0.50 - 1.49	46	18	3.00								
		3.00 - 4.99	43	22	5	1.50 - 2.49	52	24	4.20								
		5.00 - 19.99	52	30	7	2.50 - 9.99	62	33	5.99								
		20.00 - 49.99	57	33	10	10.00 - 24.99	68	37	8.98								
									0.19	0.10	0.03	121	59	15	2	1,500	
38.	Malachite									0.33	0.17	0.06	212	104	26		

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		Carats	Price (US\$/Carat)		Grams	Price (US\$/Gram)		Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)		
		A	B	C		A	B	C	A	B	C	A	B	C	D		
39.	OBSIDIAN: Volcanic Glass									0.01	0.01	-	6	3	1		
40.	OPAL: Precious Opal	1.00 - 2.99	2,827	140	5	0.40 - 1.49	3,404	154	5								
		3.00 - 7.99	3,056	150	15	1.50 - 3.99	3,671	165	25								
		8.00 - 14.99	3,308	184	30	4.00 - 7.49	3,972	203	40								
		+15.00	+4,300	+240	+40	+7.50	+5,160	+263	+60								
41.	OPAL: All Light Colours Opal	1.00 - 2.99	38	18	5	0.50 - 1.49	46	20	5								
		3.00 - 4.99	53	25	6	1.50 - 2.49	64	27	6								
		5.00 - 9.99	66	30	8	2.50 - 4.99	79	33	7								
		10.00 - 14.99	77	36	10	5.00 - 7.49	92	40	9								
		+10.00	+98	+46	+11	+7.5	+117	+50	+10								
									0.03	0.01	0.01	18	9	2	1	500	
42.	Peridot	1.00 - 2.99	57	34	5	0.40 - 1.49	69	38	4.29								
		3.00 - 4.99	149	89	13	1.50 - 2.49	179	98	11.99								
		5.00 - 9.99	182	109	16	2.50 - 4.99	219	120	14.55								
		+10.00	+481	+289	+44	+5.00	+577	+318	+39.33								
									0.19	0.10	0.03	121	59	15			
43.	QUARTZ: Agate								1.40	0.74	0.24	15	10	6	2	1,000	
44.	QUARTZ: Amethyst	0.01 - 0.99	4	2	0	0.01- 0.49	4	3	0.45								
		1.00 - 2.99	9	4	1	0.50 - 1.49	10	4	0.67								
		3.00 - 4.99	11	5	1	1.50 - 2.49	13	5	0.89								
		5.00 - 9.99	14	6	1	2.50 - 4.99	16	7	1.11								
		+10.00	+31	+14	+2	+5.00	+37	+15	+2.22								
									0.09	0.05	0.02	60	30	7	1.50	500	
45.	QUARTZ: Ametrine	0.50 - 0.99	5	3	1	0.20 - 0.49	6	3	0.60								
		1.00 - 2.99	7	3	1	0.50 - 1.49	8	4	0.90								
		3.00 - 4.99	11	5	1	1.50 - 2.49	13	5	0.90								
		5.00 - 9.99	11	6	1	2.50 - 4.99	14	7	1.20								
		+10.00	+14	+7	+2	+5.00	+17	+8	+1.50								
									0.07	0.04	0.01	48	24	6			
46.	QUARTZ: Aventurine								0.23	0.12	0.04	10	7	5	2	1,000	
47.	QUARTZ: Bloodstone								0.47	0.25	0.08	302	150	37			

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
48.	QUARTZ: Carnelian									0.28	0.15	0.05	181	90	22	2	
49.	QUARTZ: Chalcedony									0.47	0.25	0.08	302	150	37	2	
50.	QUARTZ: Chrysoprase									0.37	0.20	0.07	250	120	35	15	5,000
51.	QUARTZ: Citrine	0.50 - 0.99	5	2	0	0.20 - 0.49	6	2	0.42								
		1.00 - 2.99	6	2	1	0.50 - 1.49	8	3	0.63								
		3.00 - 4.99	8	3	1	1.50 - 2.49	9	3	0.63								
		5.00 - 9.99	10	5	1	2.50 - 4.99	13	6	0.84								
		+10.00	+8	+7	+1	+5.00	+10	+7	+1.26								
										0.19	0.10	0.03	121	59	15		
52.	QUARTZ: Crystalline/Rock Crystal Quartz									0.09	0.05	0.02	80	50	15	5	250
53.	QUARTZ: Crystalline/Rose Quartz									0.23	0.12	0.04	151	74	18	7	2,000
54.	QUARTZ: Fire Agate									0.33	0.18	0.06	218	106	26		
55.	QUARTZ: Iris Agate									0.33	0.18	0.06	218	106	26		
56.	QUARTZ: Jaspar									0.42	0.22	0.07	272	133	33		
57.	QUARTZ: Moss Agate									0.33	0.18	0.06	218	106	26		
58.	QUARTZ: Onyx									0.02	0.01	0.00	12	6	1		
59.	QUARTZ: Prase									0.37	0.20	0.07	242	120	29		
60.	QUARTZ: Sard									0.28	0.15	0.05	181	89	22		
61.	Rhodochrosite									0.56	0.30	0.10	363	177	44		
62.	Bluish Violet Scapolite	1.00 - 2.99	92	69	17	0.50 - 1.49	111	76	15.59								
		3.00 - 4.99	96	72	18	1.50 - 2.49	115	79	16.20								
		5.00 - 9.99	100	75	19	2.50 - 4.99	120	82	16.81								
		+10.00	+109	+82	+20	+5.00	+130	+90	+18.35								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							ROUGH
		SIZE		QUALITY		SIZE		QUALITY		QUALITY			QUALITY				Price
		Carats	Price (US\$/Carat)		Grams	Price (US\$/Gram)		Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)		
63.	Reddish Orange Scapolite	1.00 - 2.99	33	25	8	0.50 - 1.49	40	27	7.46								
		3.00 - 4.99	34	26	9	1.50 - 2.49	41	28	7.75								
		5.00 - 9.99	36	27	9	2.50 - 4.99	43	30	8.05								
		+10.00	+39	+29	+10	+5.00	+47	+32	+8.79								
64.	Yellow Scapolite	1.00 - 2.99	30	23	6	0.50 - 1.49	36	25	5.09								
		3.00 - 4.99	31	23	6	1.50 - 2.49	38	26	5.28								
		5.00 - 9.99	32	24	6	2.50 - 4.99	39	27	5.49								
		+10.00	+36	+27	+7	+5.00	+43	+29	+5.99					30	18	7	2
65.	Sphene	0.50 - 0.99	13	8	1	0.20 - 0.49	16	8	0.86								
		1.00 - 4.99	31	18	4	0.50 - 2.49	38	20	3.43								
		5.00 - 9.99	44	25	6	2.50 - 4.99	52	27	5.14								
		+10.00	48	32	7	+5.00	57	36	5.99								
66.	Lavender Spinel	0.50 - 0.99	100	50	20	<0.10	5	2.50	1.25								
		1.00 - 1.99	300	200	21	0.10 - 0.19	10	5	3								
		2.00 - 2.99	500	109	53	0.20 - 0.29	25	13	6								
		3.00 - 4.99	1,159	150	68	0.30 - 0.49	50	25	5								
		5.00 - 9.99	1,562	447	100	0.50 - 0.99	150	75	10								
		+10.00	+2,031	+582	+150	1.00 - 1.49	350	175	20								
						1.50 - 2.49	1,000	500	30								
				2.50 - 4.99	1,500	750	40										
				+5.00	+2,500	+1,250	+50										
67.	Blue Spinel	0.50 - 0.99	202	101	40	<0.10	8	4	2								
		1.00 - 1.99	605	403	42	0.10 - 0.19	15	8	4								
		2.00 - 2.99	1,008	439	106	0.20 - 0.29	38	19	9								
		3.00 - 4.99	2,337	605	138	0.30 - 0.49	75	38	19								
		5.00 - 9.99	3,149	901	202	0.50 - 0.99	225	113	56								
		+10.00	+4,094	+1,173	+302	1.00 - 1.49	735	263	131								
						1.50 - 2.49	2,100	750	375								
						2.50 - 4.99	3,150	1,125	563								
				+5.00	+ 5,250	+1,875	+938										
									0.60	0.40	0.10	300	200	100	50	20,000	
68.	Pink Spinel	0.50 - 0.99	202	101	40	<0.10	8	4	2								
		1.00 - 1.99	605	403	42	0.10 - 0.19	15	8	4								
		2.00 - 2.99	1,008	439	106	0.20 - 0.29	38	19	9								
		3.00 - 4.99	2,337	605	138	0.30 - 0.49	75	38	19								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
		5.00 - 9.99	3,149	901	202	0.50 - 0.99	225	113	56								
		+10.00	+4,094	+1,173	+302	1.00 - 1.49	735	263	131								
						1.50 - 2.49	2,100	750	375								
						2.50 - 4.99	3,150	1,125	563								
						+5.00	+5,250	+1,875	+938								
										0.60	0.40	0.10	300	200	100	50	20,000
69.	Red Spinel	0.50 - 0.99	200	100	40	<0.10	10	5	3								
		1.00 - 1.99	600	400	42	0.10 - 0.19	20	10	5								
		2.00 - 2.99	1,000	436	105	0.20 - 0.29	50	25	13								
		3.00 - 4.99	2,318	600	137	0.30 - 0.49	100	50	25								
		5.00 - 9.99	3,124	894	200	0.50 - 0.99	300	150	75								
		+10.00	+4,062	+1,164	+300	1.00 - 1.49	700	350	175								
							1.50 - 2.49	2,000	1,000	500							
							2.50 - 4.99	3,000	1,500	750							
					+5.00	+5,000	+2,500	+1,250									
70.	SUNSTONE: Green, Brown, Orange & Red Sunstone	1.00 - 4.99	5	2	1	0.20 - 0.99	0.50	0.30	0.10								
		+5.00	+10	+5	+2	1.00 - 4.99	1.00	0.50	0.25								
						+5.00	+1.50	+0.75	+0.30								
											0.19	0.10	0.03	121	59	15	10
71.	TOPAZ: Blue Topaz	0.50 - 0.99	6	3	1	0.20 - 0.49	4	2	1								
		1.00 - 4.99	7	4	2	0.50 - 2.49	7	3	2								
		5.00 - 19.99	9	5	3	2.50 - 9.99	8	5	3								
		20.00 - 49.99	12	8	4	10.00 - 24.99	10	6	4								
		+50.00	+15	+10	+5	+25.00	+12	+7	+5								
72.	TOPAZ: Golden/ Yellow Topaz	0.50 - 0.99	33	15	3	0.20 - 0.49	40	17	3								
		1.00 - 2.99	120	33	6	0.50 - 1.49	144	36	5								
		3.00 - 4.99	202	46	9	1.50 - 2.49	243	51	8								
		5.00 - 9.99	224	63	12	2.50 - 4.99	269	69	11								
		+10.00	+240	+67	+20	+5.00	+280	+74	+15								
73.	TOPAZ: Imperial Topaz	0.50 - 0.99	78	30	6	0.20 - 0.49	94	33	5								
		1.00 - 2.99	310	52	9	0.50 - 1.49	373	58	8								
		3.00 - 4.99	429	130	15	1.50 - 2.49	516	143	13								
		5.00 - 9.99	494	142	24	2.50 - 4.99	593	157	22								
		+10.00	+528	+147	+30	+5.00	+634	+161	+27								
74.	TOPAZ: Pink Topaz	0.50 - 0.99	78	27	6	0.20 - 0.49	94	30	5								
		1.00 - 2.99	434	165	12	0.50 - 1.49	522	182	11								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE						INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH						ROUGH
		SIZE		QUALITY		SIZE		QUALITY		QUALITY			QUALITY			Price
		Carats	Price (US\$/Carat)		Grams	Price (US\$/Gram)		Price (US\$/Gram)			Price (US\$/Kilogram)			(US\$/Ton)		
		3.00 - 4.99	621	209	18	1.50 - 2.49	747	231	16							
		5.00 - 9.99	860	232	24	2.50 - 4.99	1,033	255	22							
		+10.00	+943	+247	+30	+5.00	+1,131	+272	+27							
75.	TOURMALINE: Blue Tourmaline	0.50 - 0.99	23	9	3	0.20 - 0.49	27	10	2							
		1.00 - 2.99	86	19	5	0.50 - 1.49	104	21	5							
		3.00 - 4.99	106	37	11	1.50 - 2.49	128	41	10							
		5.00 - 9.99	113	53	21	2.50 - 4.99	136	59	19							
		+10.00	+133	+61	+27	+5.00	+160	+67	+24							
76.	TOURMALINE: Cat's Eye	0.50 - 0.99	24	9	1	0.20 - 0.49	30	10	1							
		1.00 - 2.99	61	23	3	0.50 - 1.49	74	25	3							
		3.00 - 4.99	94	32	5	1.50 - 2.49	114	35	5							
		5.00 - 9.99	166	47	8	2.50 - 4.99	200	51	7							
		+10.00	+266	+120	+24	+5.00	+319	+132	+22							
77.	TOURMALINE: Green Tourmaline	0.50 - 0.99	19	8	2	0.20 - 0.49	23	9	2							
		1.00 - 2.99	73	16	5	0.50 - 1.49	88	17	4						30	
		3.00 - 4.99	90	32	9	1.50 - 2.49	109	35	8						30	
		5.00 - 9.99	96	45	18	2.50 - 4.99	115	50	16						30	
		+10.00	+113	+52	+23	+5.00	+136	+57	+20						30	
78.	TOURMALINE: Golden/Honey Tourmaline	0.50 - 0.99	32	12	5	0.20 - 0.49	39	14	5							
		1.00 - 2.99	80	31	13	0.50 - 1.49	96	34	12						30	
		3.00 - 4.99	133	60	19	1.50 - 2.49	160	66	17						30	
		5.00 - 9.99	192	85	27	2.50 - 4.99	230	94	24						30	
		+10.00	+249	+111	+35	+5.00	+299	+122	+31						30	
79.	TOURMALINE: Pink Tourmaline	0.50 - 0.99	41	15	4	0.20 - 0.49	50	17	4							
		1.00 - 2.99	77	23	8	0.50 - 1.49	93	25	7							
		3.00 - 4.99	93	29	11	1.50 - 2.49	112	32	10							
		5.00 - 9.99	110	36	13	2.50 - 4.99	133	40	12							
		+10.00	+156	+59	+27	+5.00	+187	+64	+24							
80.	TOURMALINE: Red Tourmaline	0.50 - 0.99	33	12	3	0.20 - 0.49	40	13	3							
		1.00 - 2.99	62	18	6	0.50 - 1.49	74	20	6							
		3.00 - 4.99	74	23	9	1.50 - 2.49	90	26	8							
		5.00 - 9.99	88	29	11	2.50 - 4.99	106	32	10							
		+10.00	+124	+47	+21	+5.00	+149	+51	+19							
81.	TOURMALINE: Schorl									0.19	0.10	0.03	121	59	15	
82.	ZIRCON:	1.00 - 2.99	49	20	2	0.50 - 1.49	59	22	2							

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price
		Carats	Price (US\$/Carat)			Grams	Price (US\$/Gram)			Price (US\$/Gram)			Price (US\$/Kilogram)				(US\$/Ton)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
	Blue Zircon	3.00 - 4.99	56	21	5	1.50 - 2.49	67	23	4								
		5.00 - 9.99	71	33	7	2.50 - 4.99	85	36	6								
		+10.00	+116	+56	+12	+5.00	+140	+61	+10								
83.	ZIRCON: Brown, Green, Orange, Pink, Red & Yellow Zircon	1.00 - 2.99	31	13	5	< 0.50	9.50	3.50	1								
		3.00 - 4.99	40	15	7	0.50 - 0.99	19	7	2								
		5.00 - 9.99	50	22	9	1.00 - 1.49	38	14	4								
		+10.00	+65	+29	+12	1.50 - 2.49	48	17	6								
						2.50 - 4.99	60	24	8								
				+5.00	+78	+32	+11										
84.	ZIRCON								0.16	0.08	0.03	104	51	13	7	2,000	
85.	ZOISITE: Anyolite								1.12	0.59	0.20	0.50	0.30				
86.	ZOISITE: Ruby in Zoisite								1.40	0.74	0.24	1.00	0.50				
						< 0.1			1.68	0.89	0.28	15.00	5.00				
						0.1 - 0.25							20	10			
						0.25 - 0.5							30	20	10	5	2,500
						0.5 - 1.00							40	30			
				1.00 - 5.00							60	50					
				+10							+100	+70					
87.	ZOISITE: Tanzanite	< 1.00	173	89	24	< 0.10		0.50	0.25								
		1.00 - 2.99	238	143	46	0.10 - 0.19	67	32	7								
		3.00 - 9.99	314	179	62	0.20 - 0.29	84	40	9								
		10.00 - 19.99	326	211	68	0.30 - 0.49	167	79	17								
		20.00 - 49.99	400	291	81	0.50 - 0.79	198	103	26								
		50.00 - 99.99	459	335	93	0.80 - 0.99	206	142	40								
		+100.00	+519	+379	+105	1.00 - 1.99	331	196	63								
						2.00 - 4.99	361	215	65								
						5.00 - 9.99	391	233	68								
						10.00 - 24.99	479	320	73								
				25.00 - 49.99	551	369	84										
				+50.00	+573	+416	+95										
88.	ZOISITE: Tanzanite Beads								2.50	1.50	0.50	1,600	800	20	6.60	3,600	
89.	ZOISITE: Tanzanite Fancy	10.00 - 19.99	489	147	73	5.00 - 9.99	587	176	88								
		20.00 - 49.99	600	180	90	10.00 - 24.99	718	215	108								
		50.00 - 99.99	688	206	103	25.00 - 49.99	827	248	124								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				ROUGH							ROUGH
		SIZE	QUALITY			SIZE	QUALITY			QUALITY			QUALITY				Price
		Carats	A	B	C	Grams	A	B	C	A	B	C	A	B	C	D	(US\$/Ton)
	(Green, Pink & Gold)	+100.00	+778	+233	+117	+50.00	+859	+258	+129								
90.	ZOISITE: Thulite									1.86	0.99	0.33	1,209	591	146		