



**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 **October 2023**.

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	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								
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	

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)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
5.	BERYL: (Golden, Green & Morganite)	1.00 - 2.99	42	22	5	0.40 - 1.49	50	24	5								
		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.	BERYL									2.00	1.00	0.70	600	118	50	29	+500
7.	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								
8.	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								
9.	CHRYSOBERYL: Green & Yellow Chrysoberyl	1.00 - 2.99	55	26	4	0.40 - 1.49	94	42	4								
		3.00 - 4.99	82	39	9	1.50 - 2.49	142	62	8								
		5.00 - 9.99	157	56	9	2.50 - 4.99	272	89	12								
		10.00 - 14.99	231	81	9	5.00 - 7.49	397	125	15								
		+15.00	+300	+104	+11	+7.50	+516	+163	+20								
10.	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								
11.	CORUNDUM: Ruby (Morogoro & Mahenge)				<5.00	15	10	2									
					5.00 - 9.99	35	20	5									
					+10	50	30	20									
12.	CORUNDUM: Ruby (Mundarara)									0.60	0.15	0.05	182	89	22	5	

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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				
13.	CORUNDUM: Ruby Nuts														1,000		
14.	CORUNDUM: Blue Sapphire (Tunduru)	0.50 - 0.99	756	148	20	<0.10	2	1	0.40								
		1.00 - 2.99	1,909	425	44	0.10 - 0.29	16	8	2								
		3.00 - 4.99	2,551	760	77	0.30 - 0.49	160	40	16								
		5.00 - 9.99	4,116	1,292	119	0.50 - 0.99	800	160	18								
		+10.00	+6,011	+1,540	+179	1.00 - 1.49	2,694	360	24								
						1.50 - 2.49	5,939	1,590	36								
						2.50 - 4.99	8,833	2,232	68								
15.	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								
16.	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								
17.	CORUNDUM: Pink Sapphire	0.50 - 0.99	338	58	10	<0.10	2	1	0.25								
		1.00 - 2.99	845	144	25	0.10 - 0.29	10	5	2								
		3.00 - 4.99	1,276	236	71	0.30 - 0.49	100	25	10								
		5.00 - 6.99	2,249	740	198	0.50 - 0.99	500	100	12								
		+7.00	+3,289	+1,175	+414	1.00 - 1.49	1,684	225	15								
						1.50 - 2.49	3,713	993	23								
						2.50 - 4.99	5,521	1,395	43								
18.	CORUNDUM: Purple Sapphire	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								

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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				
	(Bi – Colour Sapphire prices should be based on the dominant colour)	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								
19.	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								
		+10.00	+410	+180	+18	1.00 - 1.49	1,684	225	15								
						1.50 - 2.49	3,375	903	21								
20.	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								
21.	CORUNDUM: Sapphire									0.30	0.16	0.05	195	95	24	8	
22.	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								
23.	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					
24.	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								

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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				
		5.00 - 9.99	101	47	17	2.50 - 4.99	96	45	16								
		+10.00	+111	+52	+19	+5.00	+106	+49	+18								
25.	FELDSPAR: Amazonite									0.02	0.01	0.00	12	6	2.00	1.00	500
26.	FELDSPAR: Goldenshine												35	15	10	5	2,000
27.	FELDSPAR: (Kilosa and Mpwapwa)																250
28.	FELDSPAR: Moonstone	1.00 - 2.99	23	8	1	0.50 - 1.49	7	5	1								
		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								
										0.19	0.10	0.03	121	59	15	5	500
29.	FELDSPAR: Orthoclase									0.23	0.12	0.04	151	74	18	5	
30.	FELDSPAR: Green, Brown, Orange, Black & 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	20	15	5,000
31.	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								
32.	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
33.	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								

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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			
34.	GARNET: Green Grossular	<i>0.50 - 0.99</i>	50	35	25	<i>0.20 - 0.49</i>	20	10	5							
		<i>1.00 - 2.99</i>	250	100	47	<i>0.50 - 1.49</i>	150	105	55							
		<i>3.00 - 4.99</i>	500	250	50	<i>1.50 - 2.49</i>	625	260	75							
		<i>5.00 - 9.99</i>	1,250	236	59	<i>2.50 - 4.99</i>	793	352	92							
		<i>+10.00</i>	+1,500	+225	+56	<i>+5.00</i>	+1,030	+457	+119							
									0.15	0.10	0.05	24	12	3		
35.	GARNET: Hessonite	<i>0.50 - 0.99</i>	26	15	3	<i>0.20 - 0.49</i>	31	17	3							
		<i>1.00 - 2.99</i>	36	21	3	<i>0.50 - 1.49</i>	43	23	3							
		<i>3.00 - 4.99</i>	45	27	4	<i>1.50 - 2.49</i>	54	29	3							
		<i>5.00 - 9.99</i>	52	31	5	<i>2.50 - 4.99</i>	63	35	4							
		<i>+10.00</i>	+67	+40	+6	<i>+5.00</i>	+80	+44	+5							
									0.14	0.07	0.02	91	44	7	5	1,500
36.	GARNET: Rhodolite	<i>0.50 - 0.99</i>	18	6	1	<i>0.20 - 0.49</i>	22	6	1							
		<i>1.00 - 2.99</i>	29	11	2	<i>0.50 - 1.49</i>	35	12	2							
		<i>3.00 - 4.99</i>	44	17	3	<i>1.50 - 2.49</i>	53	19	2							
		<i>5.00 - 9.99</i>	60	22	7	<i>2.50 - 4.99</i>	72	25	6							
		<i>+10.00</i>	+81	+34	+10	<i>+5.00</i>	+97	+38	+9							
									0.28	0.15	0.05	181	89	22	5	600
37.	GARNET: Spessartite	<i>0.50 - 0.99</i>	10	5	2	<i>0.20 - 0.49</i>	6	2	1							
		<i>1.00 - 2.99</i>	50	30	2	<i>0.50 - 1.49</i>	31	14	1							
		<i>3.00 - 4.99</i>	80	30	7	<i>1.50 - 2.49</i>	34	14	3							
		<i>5.00 - 9.99</i>	100	40	11	<i>2.50 - 4.99</i>	58	20	5							
		<i>+10.00</i>	+200	+50	+21	<i>+5.00</i>	+61	+28	+9							
									0.19	0.10	0.03	121	59	15	5	2,000
38.	GARNET: Tsavorite	<i>0.50 - 0.99</i>	120	60	24	<i><0.10</i>	2	1	1							
		<i>1.00 - 1.99</i>	300	180	60	<i>0.10 - 0.19</i>	8	4	2							
		<i>2.00 - 2.99</i>	540	300	180	<i>0.20 - 0.29</i>	50	30	20							
		<i>3.00 - 4.99</i>	1,247	566	283	<i>0.30 - 0.49</i>	100	35	25							
		<i>5.00 - 9.99</i>	3,000	900	450	<i>0.50 - 0.99</i>	200	100	40							
		<i>+10.00</i>	+3,600	+1,080	+540	<i>1.00 - 1.50</i>	500	250	50							
						<i>1.50 - 2.49</i>	1,374	572	121							
						<i>2.50 - 4.99</i>	1,745	773	202							
				<i>+5.00</i>	+2,266	+1,004	+263									
									10.00	5.00	2.00	150	100	50	20	10,000
39.	Iolite	<i>0.50 - 0.99</i>	13	8	1	<i>0.20 - 0.49</i>	16	8	1.21							
		<i>1.00 - 4.99</i>	32	18	3	<i>0.50 - 2.49</i>	38	20	3.00							

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		Carats	Price (US\$/Carat)	Grams	Price (US\$/Gram)	Price (US\$/Gram)	Price (US\$/Gram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Kilogram)	Price (US\$/Ton)		
		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	+1,000
40.	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								
41.	Kyanite									0.84	0.44	0.15	544	266	50	6	2,000
42.	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
43.	Malachite									0.33	0.17	0.06	212	104	26		
44.	OBSIDIAN: Volcanic Glass									0.01	0.01	-	6	3	1		
45.	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								
46.	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
47.	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		
48.	QUARTZ: Agate									1.40	0.74	0.24	15	10	6	2	1,000
49.	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								

SN	GROUP TYPE: Variety Name	GOOD TO FINE GRADE								COMMERCIAL GRADE							INDUSTRIAL GRADE
		CUT AND POLISHED				ROUGH				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				
		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	
50.	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		
51.	QUARTZ: Aventurine									0.23	0.12	0.04	10	7	5	2.50	
52.	QUARTZ: Bloodstone									0.47	0.25	0.08	302	150	37		
53.	QUARTZ: Carnelian									0.28	0.15	0.05	181	90	22	2	
54.	QUARTZ: Chalcedony									0.47	0.25	0.08	302	150	37	2	
55.	QUARTZ: Chrysoprase									0.37	0.20	0.07	250	120	35	15	
56.	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		
57.	QUARTZ: Crystalline/Rock Crystal Quartz									0.09	0.05	0.02	80	50	15	5	
58.	QUARTZ: Crystalline/Rose Quartz									0.23	0.12	0.04	155	75	18	7	
59.	QUARTZ: Fire Agate									0.33	0.18	0.06	218	106	26		
60.	QUARTZ: Iris Agate									0.33	0.18	0.06	218	106	26		
61.	QUARTZ: Jaspar									0.42	0.22	0.07	272	133	33		
																2,000	

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		
62.	QUARTZ: Moss Agate									0.33	0.18	0.06	218	106	26		
63.	QUARTZ: Onyx									0.02	0.01	0.00	12	6	1		
64.	QUARTZ: Prase									0.37	0.20	0.07	242	120	29		
65.	QUARTZ: Sard									0.28	0.15	0.05	181	89	22		
66.	QUARTZ: Rutilated Quartz																1,000
67.	Rhodochrosite									0.56	0.30	0.10	363	177	44		
68.	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								
69.	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								
70.	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	1,000	
71.	Spheene	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								
72.	Lavender Spinel	0.50 - 0.99	120	60	24	<0.10	5	2.50	1.25								
		1.00 - 1.99	360	240	25	0.10 - 0.19	10	5	3								
		2.00 - 2.99	600	131	64	0.20 - 0.29	25	13	6								
		3.00 - 4.99	1,391	180	82	0.30 - 0.49	50	25	5								
		5.00 - 9.99	1,874	536	120	0.50 - 0.99	150	75	10								
		+10.00	+2,437	+698	+180	1.00 - 1.49	350	175	20								
						1.50 - 2.49	1,100	550	33								
				2.50 - 4.99	1,650	825	44										

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		
73.	Blue Spinel					+5.00	+ 2,750	+ 1,375	+ 55								
		0.50 - 0.99	242	121	48	<0.10	8	4	2								
		1.00 - 1.99	726	484	50	0.10 - 0.19	15	8	4								
		2.00 - 2.99	1,210	527	127	0.20 - 0.29	38	19	9								
		3.00 - 4.99	2,804	726	166	0.30 - 0.49	75	38	19								
		5.00 - 9.99	3,779	1,081	242	0.50 - 0.99	225	113	56								
		+10.00	+4,913	+1,408	+ 362	1.00 - 1.49	735	263	131								
						1.50 - 2.49	2,310	825	413								
						2.50 - 4.99	3,465	1,238	619								
				+5.00	+ 5,775	+2,063	+ 1,032										
									0.60	0.40	0.10	300	200	100	50	20,000	
74.	Pink Spinel	0.50 - 0.99	242	121	48	<0.10	8	4	2								
		1.00 - 1.99	726	484	50	0.10 - 0.19	15	8	4								
		2.00 - 2.99	1,210	527	127	0.20 - 0.29	38	19	9								
		3.00 - 4.99	2,804	726	166	0.30 - 0.49	75	38	19								
		5.00 - 9.99	3,779	1,081	242	0.50 - 0.99	225	113	56								
		+10.00	+4,913	+1,408	+ 362	1.00 - 1.49	735	263	131								
						1.50 - 2.49	2,310	825	413								
						2.50 - 4.99	3,465	1,238	619								
						+5.00	+ 5,775	+2,063	+ 1,032								
									0.60	0.40	0.10	300	200	100	50	20,000	
75.	Red Spinel	0.50 - 0.99	242	121	48	<0.10	10	5	3								
		1.00 - 1.99	726	484	50	0.10 - 0.19	20	10	5								
		2.00 - 2.99	1,210	527	127	0.20 - 0.29	50	25	13								
		3.00 - 4.99	2,804	726	166	0.30 - 0.49	100	50	25								
		5.00 - 9.99	3,779	1,081	242	0.50 - 0.99	300	150	75								
		+10.00	+4,913	+1,408	+ 362	1.00 - 1.49	700	350	175								
						1.50 - 2.49	2,200	1,100	550								
						2.50 - 4.99	3,300	1,650	825								
						+5.00	+5,500	+2,750	+1,375								
76.	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								
77.	TOPAZ:	0.50 - 0.99	33	15	3	0.20 - 0.49	40	17	3								

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			
	Golden/ Yellow Topaz	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							
78.	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								
79.	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							
		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								
80.	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								
81.	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								
82.	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				35	30	25	
		3.00 - 4.99	90	32	9	1.50 - 2.49	109	35	8				35	30	25	
		5.00 - 9.99	96	45	18	2.50 - 4.99	115	50	16				35	30	25	
	+10.00	+113	+52	+23	+5.00	+136	+57	+20				35	30	25		
83.	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				35	30	25	
		3.00 - 4.99	133	60	19	1.50 - 2.49	160	66	17				35	30	25	
		5.00 - 9.99	192	85	27	2.50 - 4.99	230	94	24				35	30	25	
	+10.00	+249	+111	+35	+5.00	+299	+122	+31				35	30	25		
84.	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							

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				
		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								
85.	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								
86.	TOURMALINE: Schorl									0.19	0.10	0.03	121	59	15		
87.	ZIRCON: Blue Zircon	1.00 - 2.99	49	20	2	0.50 - 1.49	59	22	2								
		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								
88.	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										
89.	ZIRCON									0.16	0.08	0.03	104	51	13	7	2,000
90.	ZOISITE: Anyolite									1.12	0.59	0.20	0.50	0.30			
91.	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					
92.	ZOISITE: Tanzanite	< 1.00	173	89	24	< 0.10		0.50	0.25								
		1.00 - 1.99	235	140	43	0.10 - 0.19	67	32	7								
		2.00 - 2.99	241	146	49	0.20 - 0.29	84	40	9								
		3.00 - 6.99	310	175	58	0.30 - 0.49	167	79	17								
		7.00 - 9.99	318	183	63	0.50 - 0.79	198	103	26								
		10.00 - 13.99	321	206	66	0.80 - 0.99	206	142	40								

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)
	A	B	C	A	B	C	A	B	C	A	B	C	D				
		14.00 - 19.99	331	216	73	1.00 - 1.99	331	196	63								
		20.00 - 29.99	394	285	75	2.00 - 4.99	361	215	65								
		30.00 - 49.99	406	297	87	5.00 - 9.99	391	233	68								
		50.00 - 69.99	452	328	90	10.00 - 24.99	479	320	73								
		70.00 - 99.99	466	342	100	25.00 - 49.99	551	369	84								
		+100.00	+519	+379	+105	+50.00	+573	+416	+95								
93.	ZOISITE: Tanzanite Beads									2.50	1.50	0.50	1,600	800	20	6.60	3,600
94.	ZOISITE: Tanzanite Fancy (Green, Pink & Gold)	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								
		+100.00	+778	+233	+117	+50.00	+859	+258	+129								
95.	ZOISITE: Thulite									1.86	0.99	0.33	1,209	591	146		