## Warning: this version was completed with Google Translate, it certainly contains errors or inaccuracies.

## Technical data sheet – general: Serendibite

Gemma -	( <b>Italian</b> - Serenc	dibite )	( German - Serendibit )			photo			
names	( English - Serendibite )		( 🗚	(serendibīt ) سرندىيايت - Arabic )			Alba a		
	( French - Serendibite )		( <b>Russian</b> - Серендибит (serendibīt)			NOTES CO.			
	( <b>Spanish</b> - Serendil	-	( M	andarin -瑟兰迪碧 (sèlándíbì	)	, de			
	( Portuguese - Serence		(	( Swahili - Serendibite )	<b>,</b>	50			
	( Thai - เซอร์เรนดิไบต์ (serr	endibili j	( Hi	, ndi - सेरेंडिबाइट (serendibite	)				
Colors (GIA)	Serendibite is a rai	re gemsto	one t	hat occurs in a varie	ty	SEAL)	20 N		
	of colors, including			No.					
	green, sapphire b								
	to deep blue, brow		st						
	colorless or a light green-yellow or pale blue .  The most sought after colors are emerald green and								
	_	atter cold	na	-					
Cause of	sapphire blue .	a gamsto	na th	nat occurs in a variety	of C	olors in	ocludina:		
Color	Serendibite is a rare gemstone that occurs in a variety of colors, including:  Green: emerald green, olive green, bluish green. sapphire blue, cerulean blue, lemon								
Color									
	yellow, golden yellow, pale pink, intense pink, but also black, brown and, in transmitted light, almost colorless or yellow-green or pale blue.								
	The most sought after colors are <b>emerald green and sapphire blue</b> .								
	Allochromatic G			_	• •				
Classification	Mineral clas	Mineral class Species – Group (mineral)		ecies — Group (mineral)	Variety				
	Silicates		Serendipidite -		/				
			Amp	phiboles					
Optical	Specific	<b>RI:</b> 1,697 - 1,706		,697 - 1,706		ıracte	Pleochroism		
properties	Gravity:		Polariscope : DR		-	otical	Strong trichroism :		
				ne		tive or	green, blue, yellow, light		
						gative axial	blue, blue-green, light yellow		
	Luster (lus	ter) – lusto	er of	the fracture	Di		spersion (fire)		
	Luster (luster) – luster of the fracture  Vitreous - vitreous					<b>D</b> 13	persion (inc)		
Light	Fluorescence					Phosphorescence Absent			
	SWUV (254 nm) : Absent								
_		VUV (365nm	1): Ab						
Form	Crystalline dress			Phenomenal optic					
	Tabular/Granular			effects		Tricline			
	Melting point: 1 (estimate			None known			Crystal class		
Chemical	leaminate	k				Spec	trometer image		
formula		K				VILVOUS CO.	THE PART OF THE PA		
TOTTTOIG	C	A 1 7	_	to: D Al	700	650 6	00 550 500 450 400		
	Ca 4 [Mg 6 Al 6]O 4 [Si 6 B 3 Al 3								
	_								
O 36]					1	Wide abso	orption band below 490 nm		
	OR					Tide abse	Apriloti Baria Boloti 170 mm		
	(Ca,Na) 2 (Mg,Fe	<sup>2+</sup> ) 3 (AI,		) 3 [O 2   (Si,Al,B) 6 O 18]					
Fracture	Flaking Absent		Breakup- Parting Lamellar or polythe		<u> </u>		Fracture		
						Conc	hoidal- Sub-conchoidal,		
				(frequent)	_		irregular		
Durability	Hardness (Mohs	S) - Absolui	te	Toughness		1	bility (heat, light, chemicals)		
	6.5-7; 86 -	100		Good		(	Good (suffers acids)		

Clarity -	Typical Inclusions: Typical im						
characteristics	may include various mineral inclusions, such as needle crystals of other minerals, fractures, and in some cases,						
	liquid-filled cavities or veils. The specific types and						
	quantities of inclusions may vary from one serendibite sample to another.						
	·	Vell e ampronte   inclusioni misrail					
	Type II (estimated)  Normally included	Transparency (commercial) - diaphanity  From transparent to translucent					
Deposits -	The mineral occurs in skarn associated with boron metasomatism and along the contact						
types of rocks	between carbonate rocks and granite, tonalite or granulite.  Other minerals found with serendibite include diopside, spinel, phlogopite, scapolite,						
	calcite, tremolite, apatite, grandidierite, sinhalite, hyalophane, uvite, pargasite,						
	clinozoisite, forsterite, and graphite.						
Characteristics of	Geological age: Possibly over 200 million years  Raw Serendipidite stones are usually irregular in shape, often with rough or fractured						
rough stones	surfaces. The color can range from blue-gray to green, and the hue can change within the stone.						
Marin dan da							
Main depots	Notable deposits: Sri Lanka: Gangapitiya, near Ambakotte, Myanmar: Mogok USA: near Johnsburg, Warren County, Amity, near Warwick, Orange County, and Russell,						
		k; and in the New City Quarry, 3 km south of Riverside,					
	1 · · · · · · · · · · · · · · · · · · ·	anada: Melville Peninsula, Northwest Territories, Russia: nia: 550 km south of Yakutsk, Yakutia, from the Handeni					
	area, <b>Madagascar</b> : lanapera c						
Year of		red at Gangapitiya, near Ambakotte, Sri Lanka, in 1902					
discovery	•	ources) by GT Prior and AK Coomaraswamy. Prior and leral 'serendibite,' an ancient Arabic term for Sri Lanka.					
History	An emerald-cut serendibite ger	nstone, with a distinctive blue-green color, was identified					
		GIA laboratory in Santa Monica, California, USA, with the					
	identification number 10035658, in January <b>1997</b> . This precious crystal was only 0.35 carats and measured 4.42 x 3.80 x 2.80 mm. This find represents the first cut serendibite recorded in gemological literature.						
	Prior to the discovery of serendibite in Mogok, Myanmar, in <b>2005</b> , only 3 cut specimens were known from the original discovery in Sri Lanka. Serendibite from Sri Lanka and						
	Myanmar is considered the only source of material suitable for cutting. Serendibite from						
	dark black.	e-green or violet color, while stones from Myanmar are					
	In the second <b>half of the 1990s</b> , serendibite of gemological quality was discovered in secondary deposits in the Ratnapura area of Sri Lanka. <b>Name</b> : It was named in honor of the old Arabic name of Sri Lanka, Serendib.						
	Other trade names: Bluestones of this species may sometimes be referred to as "Bluestones"						
	Serendibite" or "Sri Lanka Serendibite.  Varieties: It is not common to associate specific varieties with Serendibite, but they are often identified by color or location of origin, for example "Blue Serendibite" or "Sri Lankan"						
Attributed	Serendibite" Serendibite is a gemstone and	oreciated throughout the world for its <b>reassuring and</b>					
properties		gs peace to the mind and soul. This stone is believed to					
		the life of its owner, paving the way for optimistic events					
	that may have affected the inc	on. Serendibite can also help <b>heal or eliminate afflictions</b> lividual.					
	From a metaphysical point of v	iew, Serendibite brings <b>positive energy and awareness</b> .					
	This stone promotes thoughtful and meaningful decisions in the individual's life, improving their consciousness and decision-making skills. Furthermore, Serendibite can facilitate						
	learning and the acquisition of	knowledge, promoting a clear mind free from negative					
	thoughts.	L bonofits protecting against pagetive influences and					
		I benefits, <b>protecting against negative influences</b> and ical wounds and illnesses. It is particularly <b>beneficial for</b>					
	students , as it enhances	the conscious mind, improving <b>understanding and</b>					
		can help adults find direction in choosing a suitable and pointing the way to success.					
	rearrow, or maricing personality t	and pointing the may to secoss.					

	From a spiritual point of view S	Corondibito roducos stross a	nd brings good luck into the				
	From a spiritual point of view, Serendibite <b>reduces stress and brings good luck</b> into the individual's life. Serendibite is associated with the zodiac signs of Scorpio and Pisces and						
	can be used in Feng Shui to attract positive energies.						
	In Feng Shui, Serendibite can be of great benefit. Simply keeping this gemstone inside						
	your home ensures an endless flow of positive energies. It is best to place this stone in the						
	study area or office area inside the house.						
	Planet: Not known						
	Month: Not known Zodiac sig	n. Scorpio Pisces					
	Chakras: Solar Plexus, Heart ar						
Treatments	At this time, there are no specific treatments known to improve or modify Serendipiditis.						
	This gemstone is generally prize						
	treatments such as heating or in						
Synthetic	There are no known synthetic versions of Serendipidite. This stone is very rare in its natural						
counterpart	form, making it highly desirable among collectors and gem lovers. The lack of availability						
	of synthetic versions contributes to its authenticity and value.						
May be	It can be confused with sap						
confused with	serendibite based on refractive indices, gemination, and spectroscopic characteristics.						
	Sometimes, the optical properties and specific density of serendibite and <b>zoisite</b> can						
	completely overlap. The color						
	similar to serendibite. A distinct						
	<b>gemmation</b> of serendibite sam		. ,				
	different localities. The distincti	•					
	made by careful measuremen						
	refractive index of 1,700. Hig		-				
	refractive index readings and m	· · · · · · · · · · · · · · · · · · ·	blogical examinations such as				
	spectroscopy and microscopy.						
	A complete examination of all separation.	gemological characteristics	s is necessary to make a safe				
Indicative	The identification of Serendip	aidite and its distinction fro	m similar aems involves kev				
gemological tests	gemological tests. Hardness,		-				
	evaluated to determine auther		=				
	UV provide further clues. The re						
	the identification. These primary	<del>-</del>					
	Serendipidite, but consulting of	·					
	confirmation.						
Value (2021)	High: 20,000+ \$/ct	<b>Medium:</b> \$8,000/ct	<b>Low:</b> \$500/ct				
	3 carats+	1-3 carats	under the carat				
Typical cut	Given the cost and rarity of the	his gem, a type of process	sing is normally applied that				
7.	maximizes the color and reduces the waste of precious material, consequently it does						
	not follow calibrated cuts, but r	rather particular faceting sty	/les.				
Famous stones	There are no particularly well-known specimens.						
Record stones	According to Guinness World Records, The largest cut specimen of serendibite weighs						
	140.76 carats (28.15 grams) and is owned by Medici Collection, LLC (USA), as verified on						
	March 9, 2020. The most large cut serendibite specimen weighs 140.76 carats (28.15						
	grams) and is the property of Medici Collection, LLC (USA), as verified on March 9, 2020.						
	One of the famous stones is a deep green serendibite crystal weighing 13.8 carats. This						
	crystal sold at auction for \$1.5 million in 2016.						
	Another famous stone is a deep blue serendibite crystal weighing 10.2 carats. This crystal						
	sold at auction for \$1.2 million in 2015. In addition to the two famous stones mentioned, there are other famous serendibite						
	·						
	In addition to the two famous	stones mentioned, there o					
	In addition to the two famous stones. For example, a deep gre	stones mentioned, there c een serendibite crystal weig	hing 10 carats sold at auction				
	In addition to the two famous	stones mentioned, there c een serendibite crystal weig deep blue serendibite crysto	hing 10 carats sold at auction				