



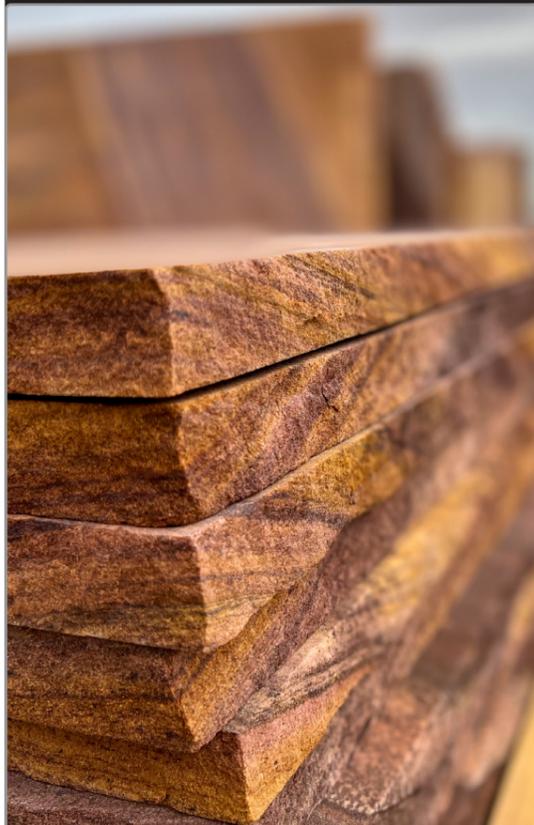
VEGAS ROCK

Sharing Uniqueness With the World



Sharing Uniqueness With the World

Las Vegas Rock's mission is to share the beauty of natural stone products by fostering quality relationships with remarkable people. Our operations are aligned with being good stewards of the environment through sustainable methods. We are committed to constantly improving our standard of excellence and inspiring people to use natural stone.



- Excellence - is our standard by "Constantly improving"
- Communication - Create clarity
 - Accountability - Being responsible
- Teamwork - Start to finish
- Integrity - Providing fair treatment
- Growth - Personal & professional

Las Vegas Rock

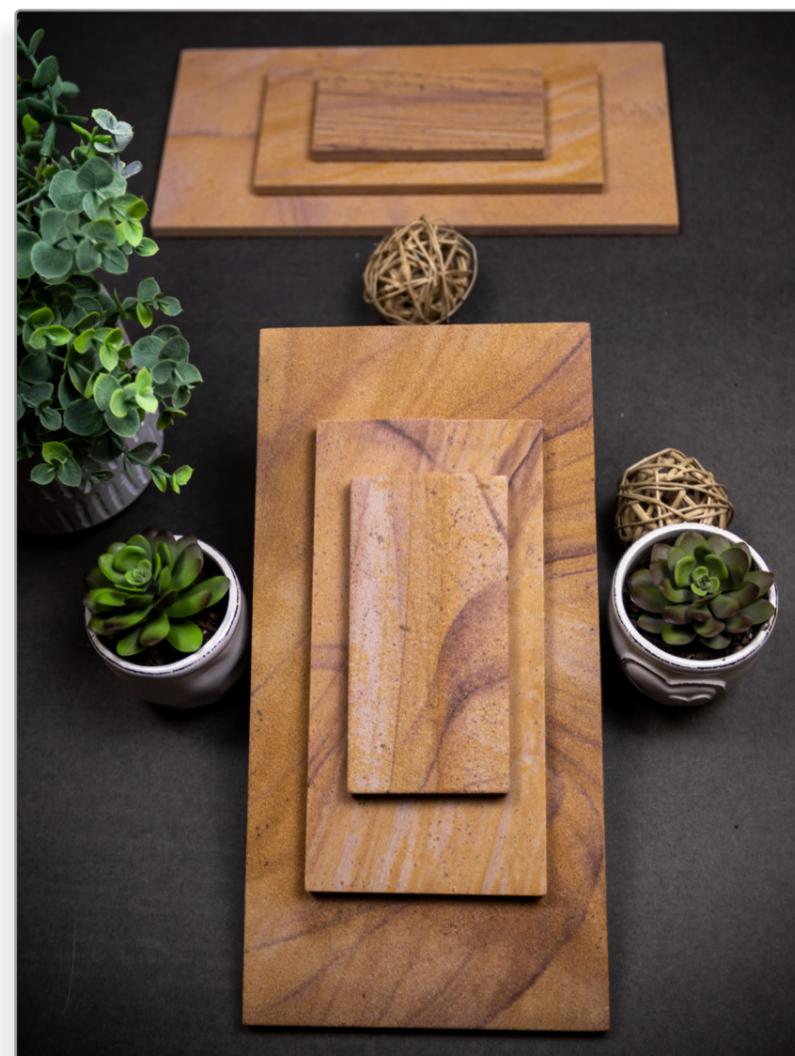
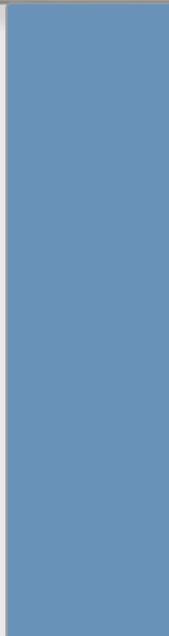
On the outskirts of the neon lights and fast-paced gaming environment of the Las Vegas strip, Las Vegas Rock has been extracting gorgeous meta-quartzite stone since the 1930's. Our stone has been applied everywhere from Frank Lloyd Wright's designs, Bugsy Siegel's original Flamingo Hotel, & Wilbur Clark's Desert Inn. Our Rainbow Quarry is expansive, covering approximately 920 acres and sits outside Goodsprings, NV., which at one time was one of the largest mining areas in the U.S. The property itself differs from what most would envision of a typical quarry site.



AUPE HQ



LVR is a custom boutique architectural stone company that can cut/finish to Almost any of your projects specific requirements. Working closely with designers, we are able to expand our product line with conceptual ideas from project to project.



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Las Vegas Rock likes to say that we not only produce stone products, we manufacture ideas. LVR was established to mine, manufacture, and distribute unique natural meta-quartzite stone products to customers across the country and even around the world. LVR Quarries natural meta-quartzite stone blocks that due to their geological characteristics, possess distinctive properties allowing different types of processing methods to be used. Based on the customer's requirements, the same stone can be processed with color ranges, patterns, or finishes that are more consistent on where each piece of stone is unique to itself.

The unmatched geological characteristics of our stone give LVR an advantage over other natural stone building products because the meta-quartzite stone produced is much more durable than any other in its class. It is a geologically unique deposit of Silica bonded by Quartz and has been awarded a geological patent for its unique properties. The material has a high threshold for resistance to wear and has an extraordinarily high slip resistance in the polished finish.





Desert Blend
Honed



Sierra Smoke
Honed



Tupelo Honey
Honed



Desert Blend
Polished



Sierra Smoke
Polished



Tupelo Honey
Polished



Desert Blend
Windswept



Sierra Smoke
Windswept



Tupelo Honey
Windswept



Desert Blend
Split-face



Sierra Smoke
Split-face



Tupelo Honey
Split-face

Colors & Finishes



ROORIGINS

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The Geologic History of Las Vegas Rock

The geologic story of how LV Rock's stone inherited its superior durability and striking beauty began 200 million years ago in the Jurassic Period when dinosaurs roamed the earth and primordial seas flooded the interior of the North American continent.

At the onset of the Jurassic, ancient seas advanced and retreated through the interior of the North American continent, stretching as far south and west as Nevada and Arizona. Along the western margin of the primordial sea, a great belt of sand dunes were deposited.

Over time, the dunes were sorted and sifted, the grains weathered and dissolved until all that remained was the most physically and chemically stable mineral: Pure quartz, naturally occurring silica glass. Petrographic analyses and geochemical testing demonstrate Las Vegas Rock's composition to be 97-98% silica (SiO₂). No other sandstone possesses that degree of purity.

The dunes of uncommonly pure glass sand grew to a thickness of nearly 2000 feet, strongly cross-bedded by ancient winds and stained along bedding planes by trace amounts of iron oxide pigment, released during the chemical weathering of iron-rich minerals.

As the Jurassic Period wore on, the sands were buried deeper in the earth. Intense rainfall during wet paleoclimates soaked deep into the porous sands. Eventually, under great confining pressure, well-rounded grains of quartz began to dissolve into a hydro-silicic acid solution. Pore fluids became saturated with silica, which then precipitated, coating individual grains at their points of contact and solidifying them with a bond of pure silica glass.

The final result was meta-quartzite stone composed of nearly pure silica glass sand and fused by silica glass. Under a petrographic microscope, each grain of silica can be observed, coated and bonded to surrounding grains by an overgrowth of silica.

100 million years later during the late Cretaceous Period, western North America's crust was compressed and rocks deep within the earth were thrust to the earth's surface along shallow-angle faults. Las Vegas Rock was part of these great thrust sheets and ultimately surfaced near Goodsprings, Nevada displaying its bedding along the stunning ridgelines that make up Las Vegas Rock's Rainbow Quarry. No other stone quite like this has been found in the world.



Desert Blend

The Desert Blend color range encompasses all of the colors represented in the Rainbow Quarries. Desert Blend has brown, red, yellow, and orange variations that may be included from block to block. This range has been incorporated into Many projects And is our most Popular.



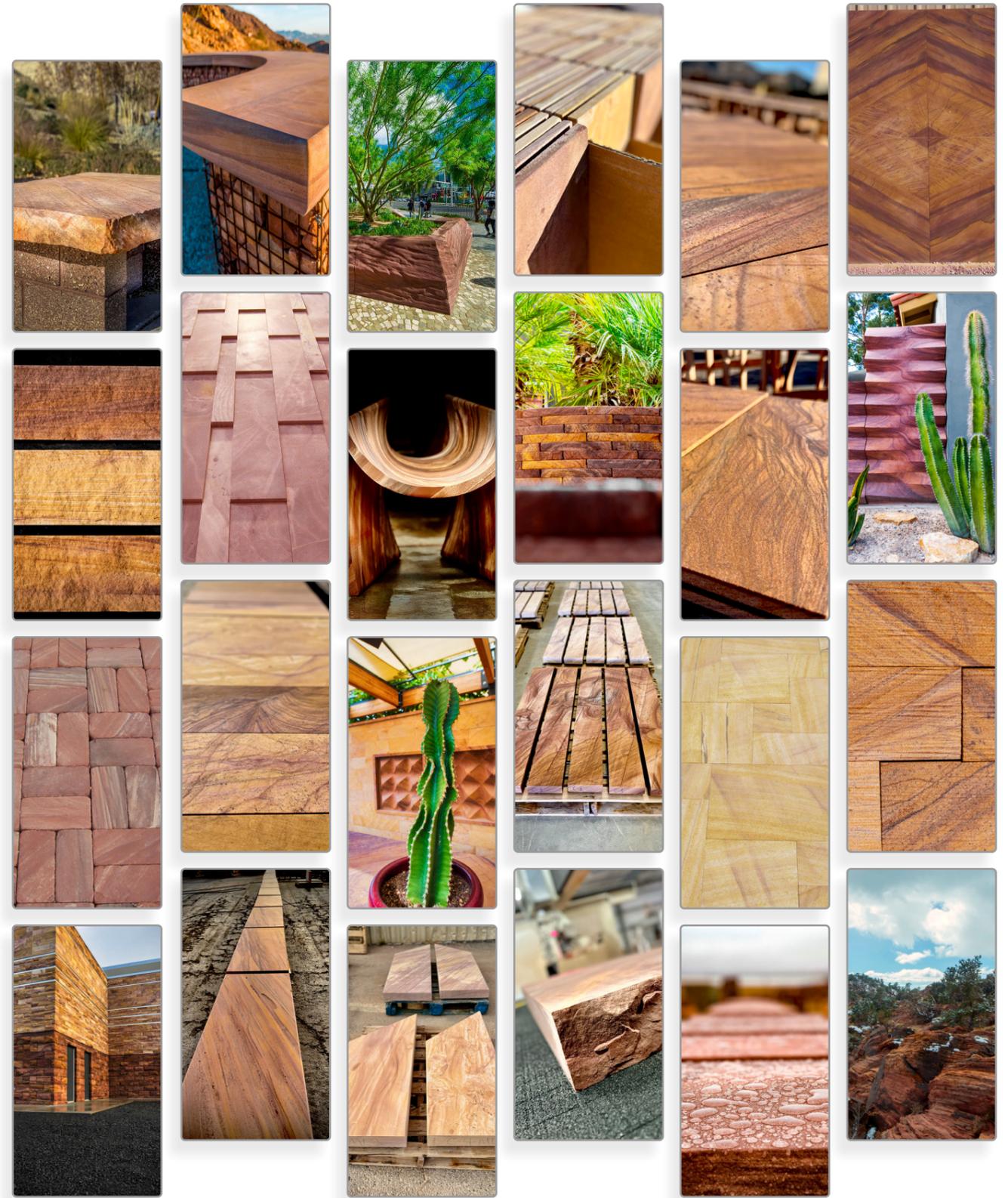
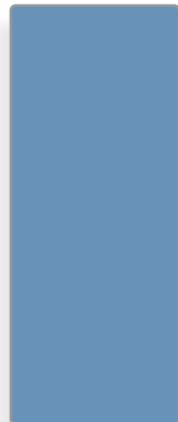
Sierra Smoke

The Sierra Smoke range comes from a specific deposit with Red, Burgundy, Pink and White variations in color. This color range is reminiscent of the southwest desert. Sierra Smoke has been utilized on diverse projects With wilderness themes.



Tupelo Honey

The Tupelo Honey is a range in color that includes the yellows, camel and tan spectrums. This material is highly requested and is an integral selection to some of our most high-profile projects.





American Society for Testing Materials International
(ASTM)
Meta-quartzite
From the Rainbow Quarries (est. 1920)

Technical Information		Value (Average)	ASTM Standards	
Water Absorption - % by weight 0.20% Marble to 12% Low Density Limestone		2.92%	C-97	
Density - Pounds per Cubic Foot (lbs./cu. ft.)		145.40 lbs	C-97	
Bulk Specific Gravity 62.4 lbs – 1 cubic foot of water		2.329	C-97	
MOH's Scale Scratch Test 1 – lowest Talc to 10 - hardest Diamond		5.50		
Modulus of Rupture (psi)	Dry	Parallel to rift	1,120	C-99
		Perpendicular to rift	1,630	
	Wet	Parallel to rift	940	
		Perpendicular to rift	1,380	
Compressive Strength (psi)	Dry	Parallel to rift	11,660	C-170
		Perpendicular to rift	13,410	
	Wet	Parallel to rift	11,180	
		Perpendicular to rift	10,510	
Flexural Strength Test	Dry	Parallel to rift	940	C-880
		Perpendicular to rift	1,820	
	Wet	Parallel to rift	600	
		Perpendicular to rift	1,380	
Abrasion (Resistance to wear)		27.90%	C-1353	





VR

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SOCIAL

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www.VegasRock.com