



# Artificial Rocks - PROJECTS

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Natureworks offers:-

Custom Design, Manufacture & Installation Service

Our Clients: Theme Parks, Resorts, Movie Sets, Tourist Attractions, Shopping Centres, Mini Golf Courses, Virtual Reality Experiences, Aquariums, Playgrounds, Office Fitouts, Zoos & Wildlife Parks.







# Artificial Rocks & Boulders

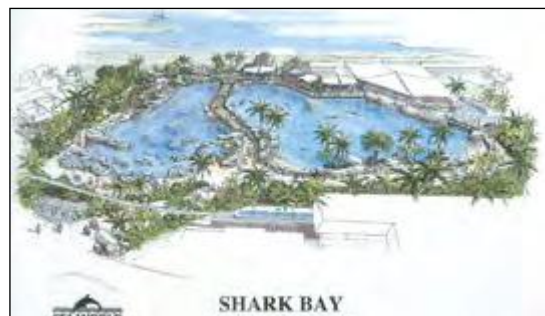
Theme Parks

Sea World - Shark Bay Precinct - Gold Coast Qld - Coral Reef



Shark Bay was built by the Natureworks team in 2003. The positive formed rockwork was constructed over a six month period for both the shark & pelagic oceanarium and the coral reef habitat tank. Over 10,000 artificial corals were fabricated to complete the coral bommie diving lagoons, along with kelps, giant clams and numerous soft corals.

The immersive diving habitat was created to allow the public to swim freely in a rich coral reef environment. The shallow touch pools allow the public to get close up to live marine organisms.







# Artificial Rocks & Boulders

Theme Parks

Sea World - Shark Bay Precinct - Gold Coast Qld - Coral Reef







# Artificial Rocks & Boulders

Theme Parks

Polar Bear Shores - An Arctic Summer Habitat

polar bear shores



Polar Bear Shores - Natureworks team custom designed all the realistic rock work for the Polar Bear Shores enclosure. Many of these photos showcase the finished rockwork our artist painstakingly carved to replicate mother nature. The following page reveals the behind the scene view of how the we combined sprayed concrete over steel framework and then carved the GFRC to help define the natural rock formations.



Underwater View-  
showing detail







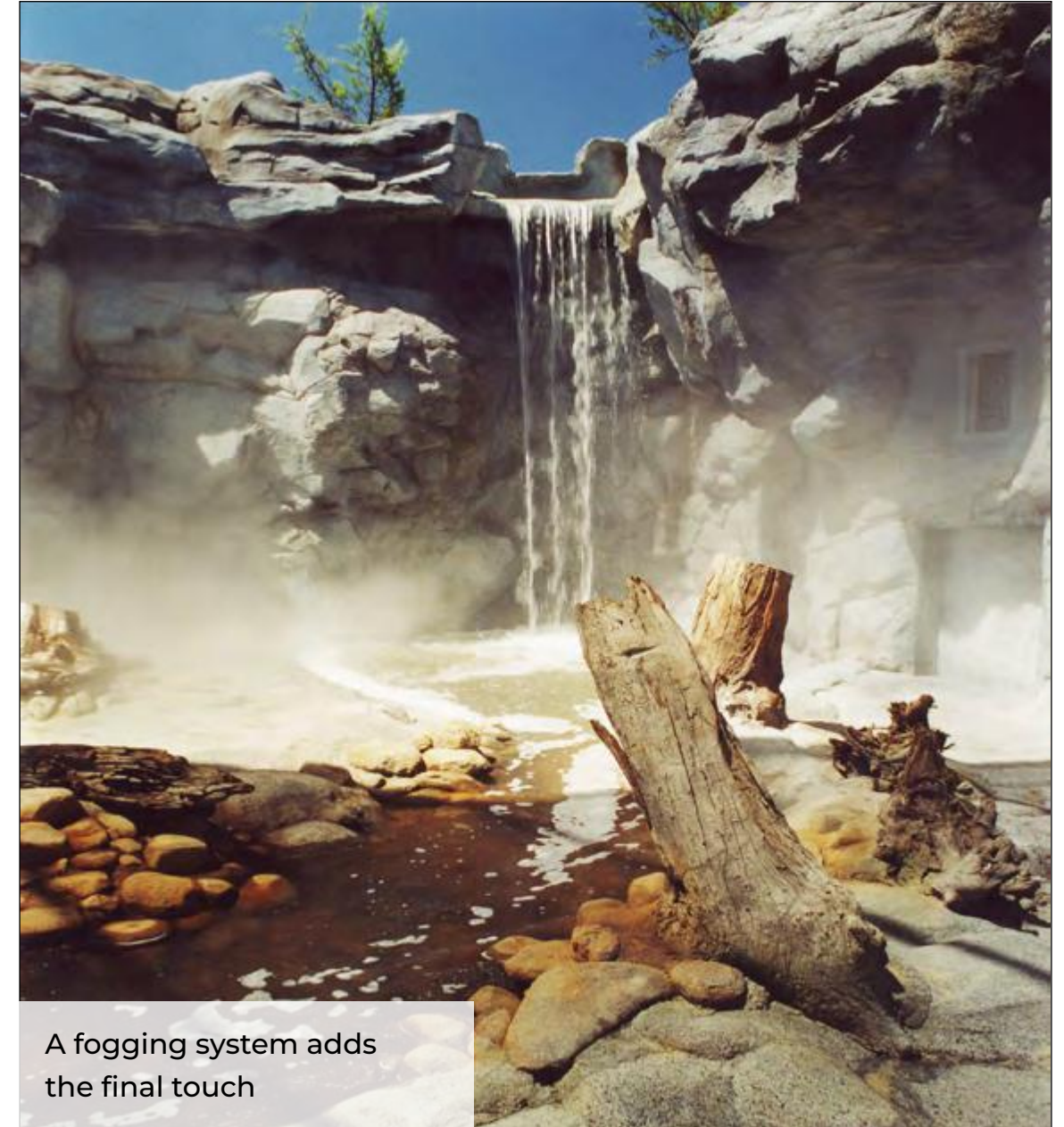
# Artificial Rocks & Boulders

Theme Parks

Polar Bear Shores - An Arctic Summer Habitat



Polar Bear Enjoying the new enclosure



A fogging system adds the final touch



Rockwork finer details



Artificial Rock Boulder



Artificial Rock steel Armature



Artificial Rock Boulder entry



Artificial Rock work in progress





# Artificial Rocks & Boulders

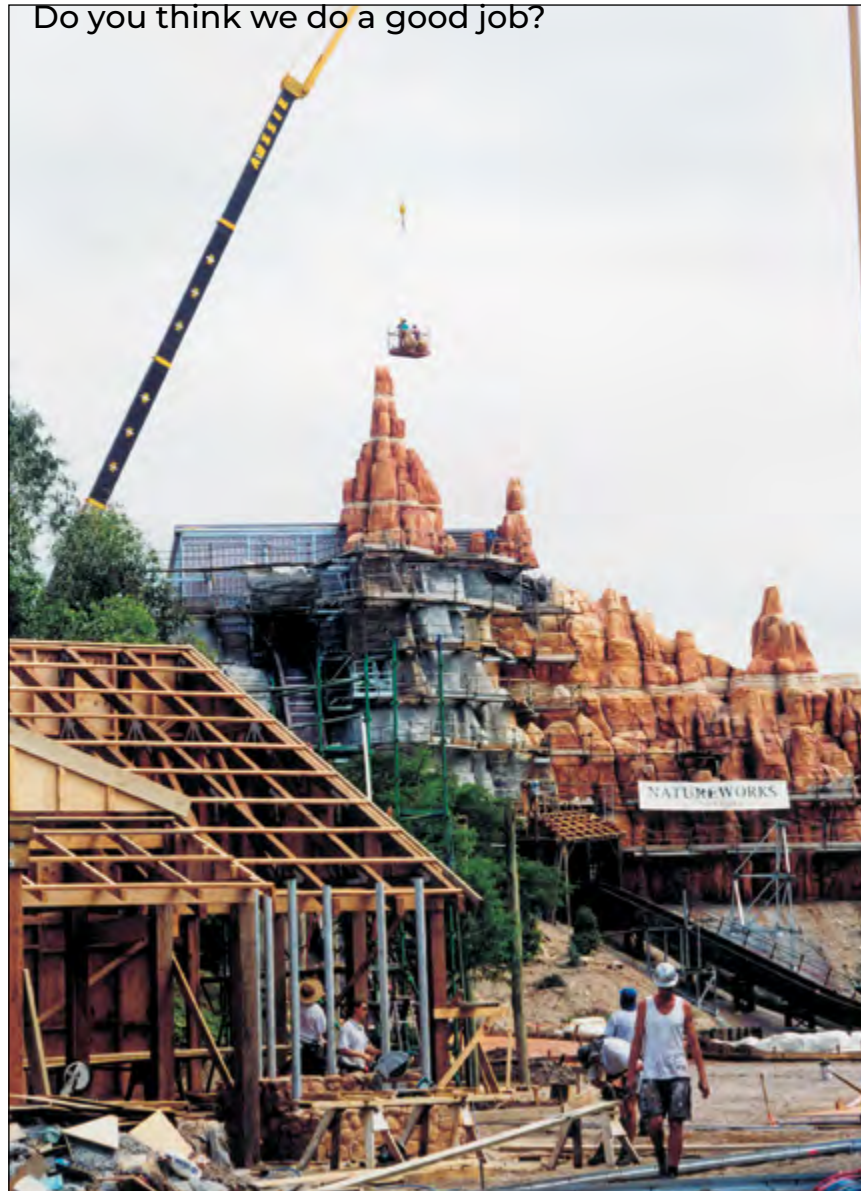
Theme Parks

Movie World - Wild West Mountain Ride

This mammoth project required a team of skilled tradesmen, rock carvers, and engineers to complete.

The natural formations of rock cliffs from the wild west were created to replicate the real thing.

Do you think we do a good job?



Completed Wild West Mountain Ride - Plus additional Rock surrounds



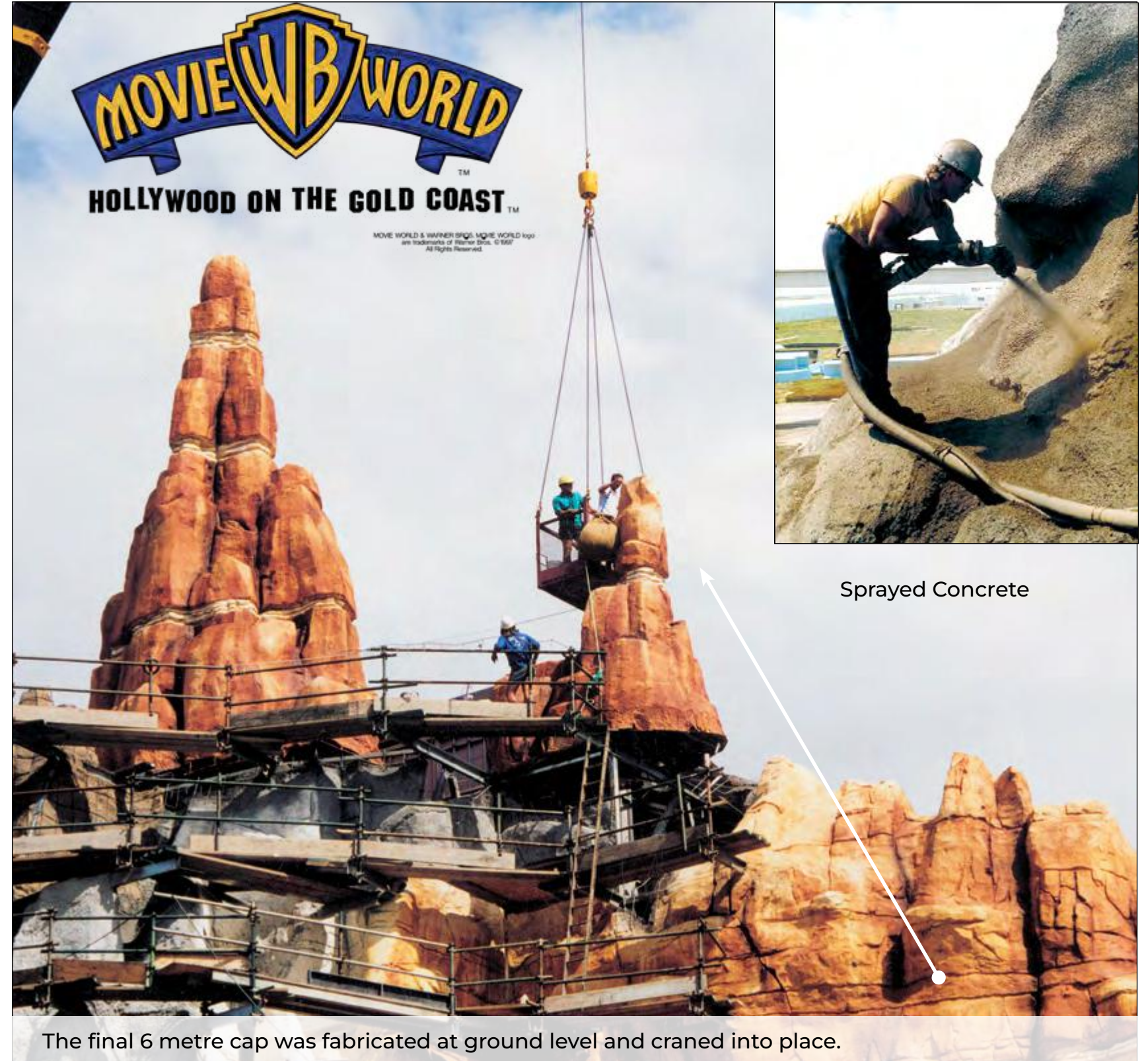
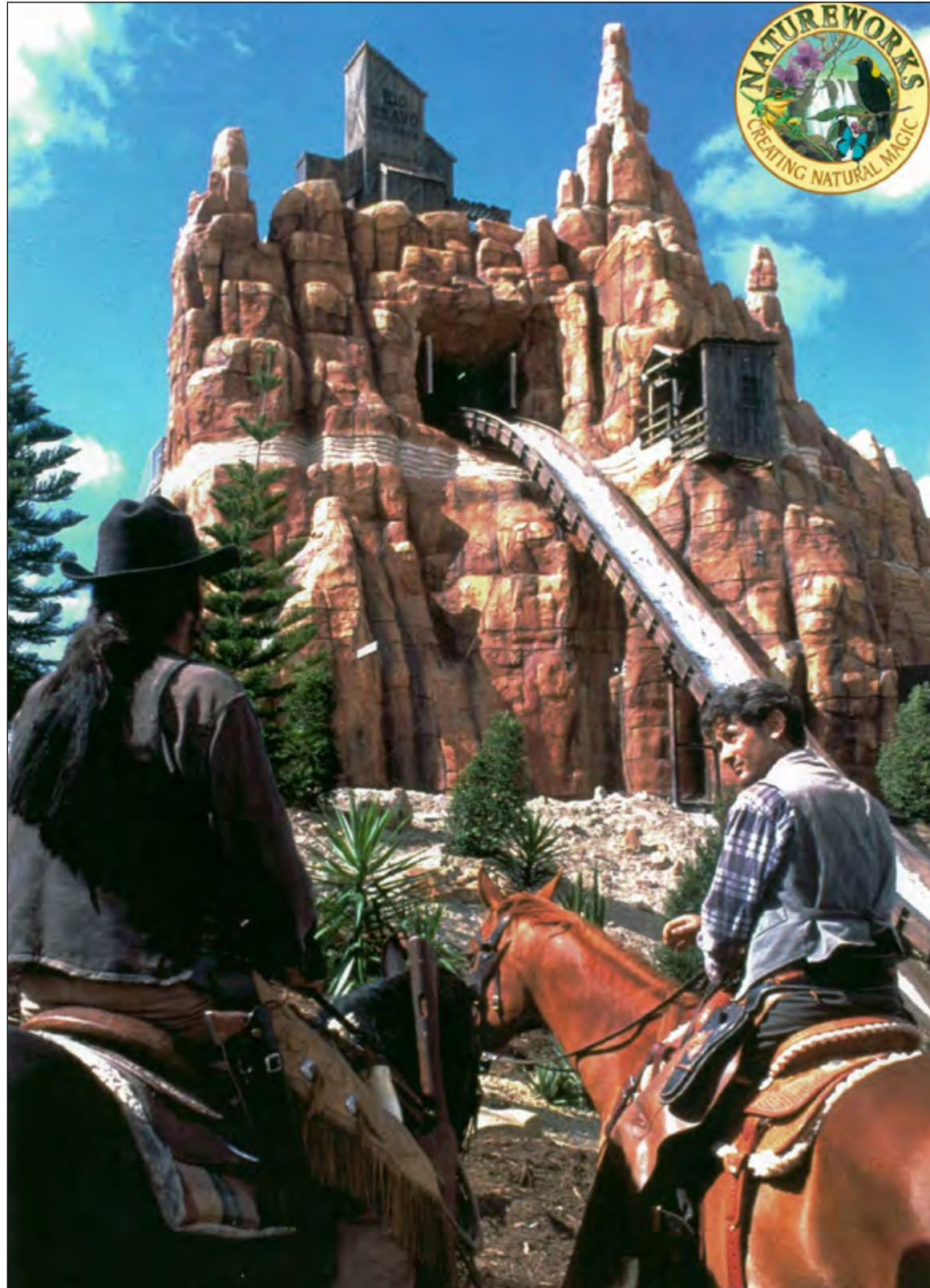




# Artificial Rocks & Boulders

Theme Parks

Movie World - Wild West Mountain Ride



Sprayed Concrete

The final 6 metre cap was fabricated at ground level and craned into place.





# Artificial Rocks & Boulders

Theme Parks

Movie World - Road Runner Roller Coaster Theming



Road runner roller coaster Ride:- Natureworks also undertook the iconic characters as sculptural “blazed in stone” features at the entrance of the Road Runner roller coaster Ride. All the rock escarpments were also built by Natureworks. Bugs Bunny, Elmer Fudd, Roadrunner, Coyote and Daffy Duck construction in steel and concrete.

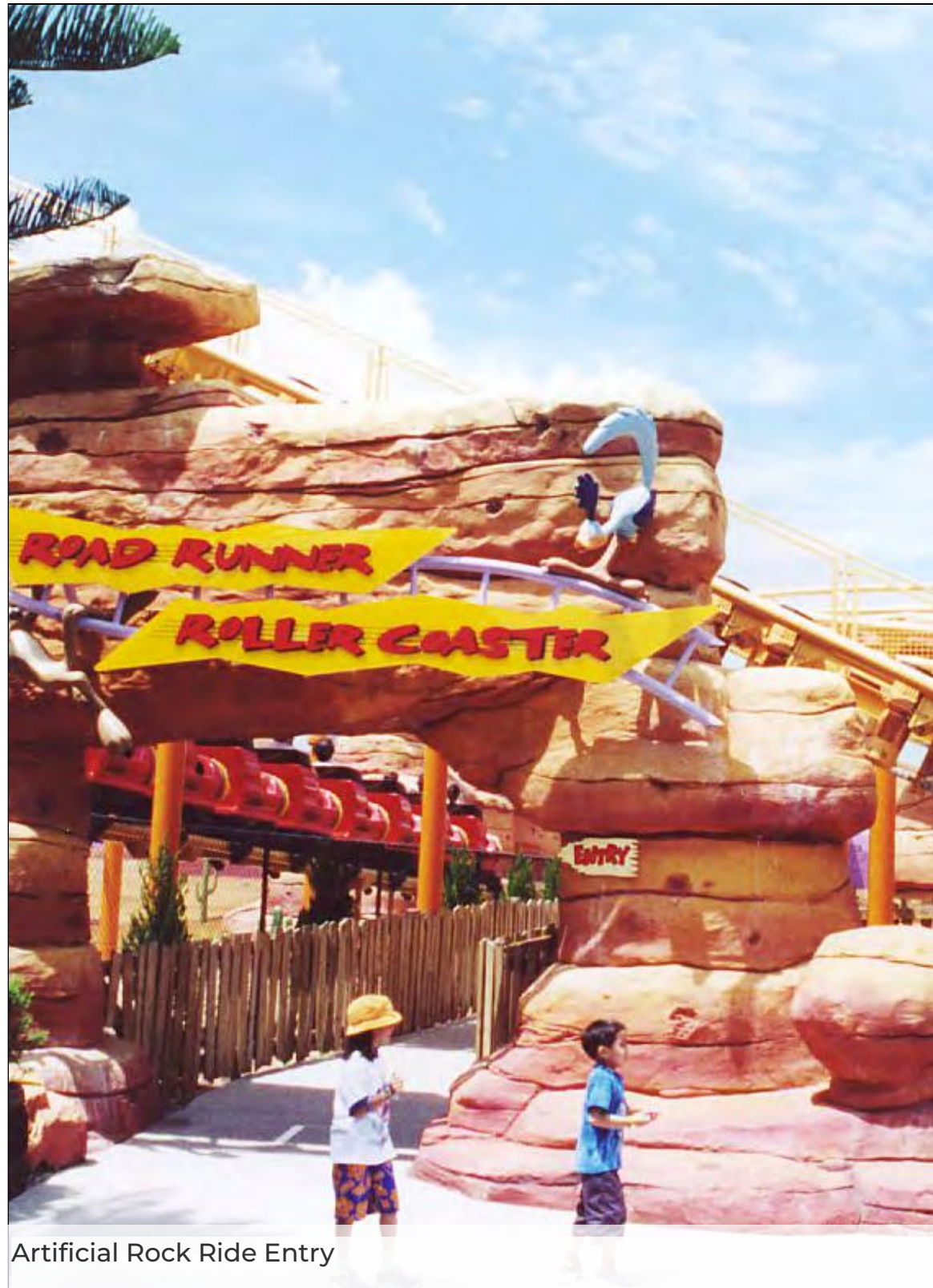




# Artificial Rocks & Boulders

Theme Parks

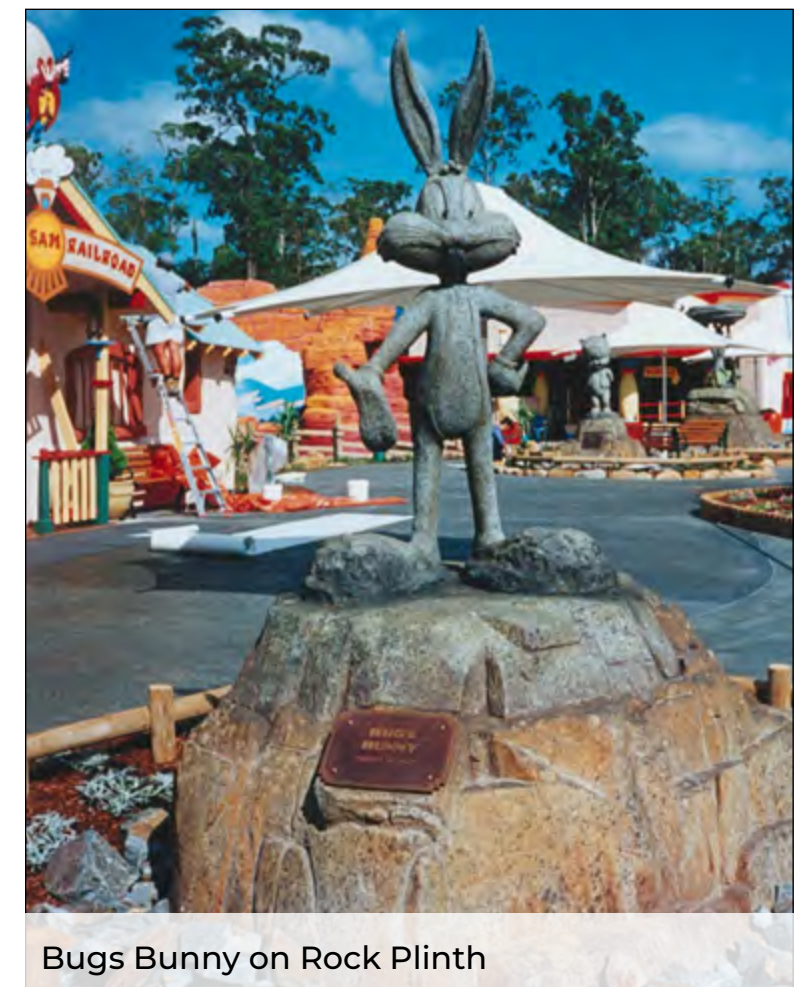
Movie World - Looney Tunes - Road Runner Roller Coaster Theming



Artificial Rock Ride Entry



Porky Pig on Rock Plinth



Bugs Bunny on Rock Plinth



Road Runner & Kyote Concrete Sculptures on Rock Base



Looney Tunes Characters Set in Rock





# Artificial Rocks & Boulders

Theme Parks

Movie World - Looney Tunes - River Boat Ride

Natureworks completed over 2,500 sq metres of Grand Canyon rockwork for the Looney Tunes Boat Ride along with a large selection of Artificial Plants and trees.

This work was sprayed in polyurethane foam and included many trees and assorted themed props.



Realistic Artificial Rockwork and Plants



Limestone Cave replica - Boat Ride Themed Interior



Realistic Artificial Rockwork & Vines Surrounding Elmer Fudd



Artificial Rockwork & Trees



Looney Tunes Boat ride - Artificial Trees





# Artificial Rocks & Boulders

Theme Parks

Movie World - Looney Tunes - River Boat Ride



Artificial Rock & Plants - during construction of boat ride



Staff in Cave - preparing for opening



Internal cave detail housing wildlife animals integrated into artificial rocks and plant display

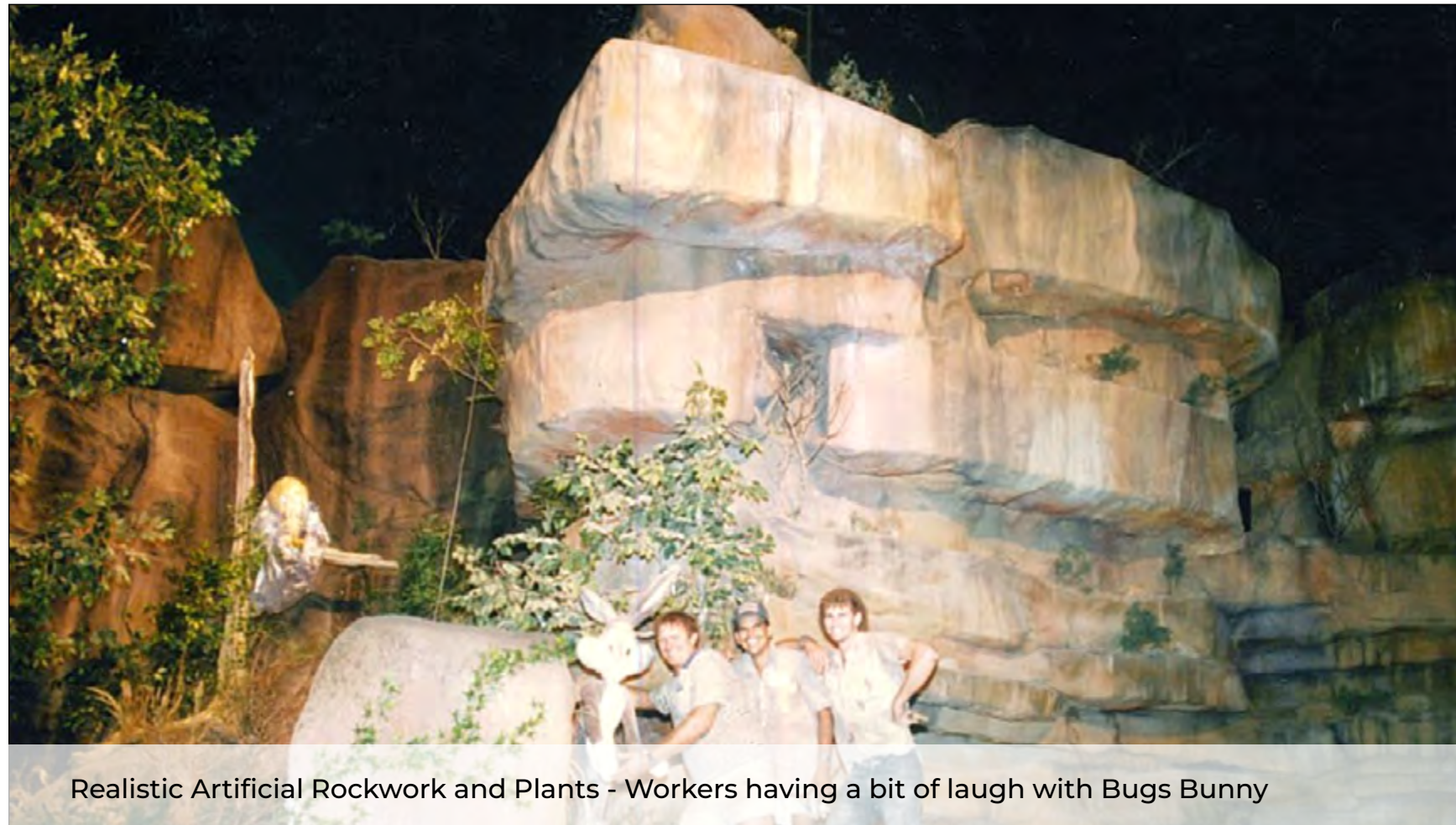




# Artificial Rocks & Boulders

Theme Parks

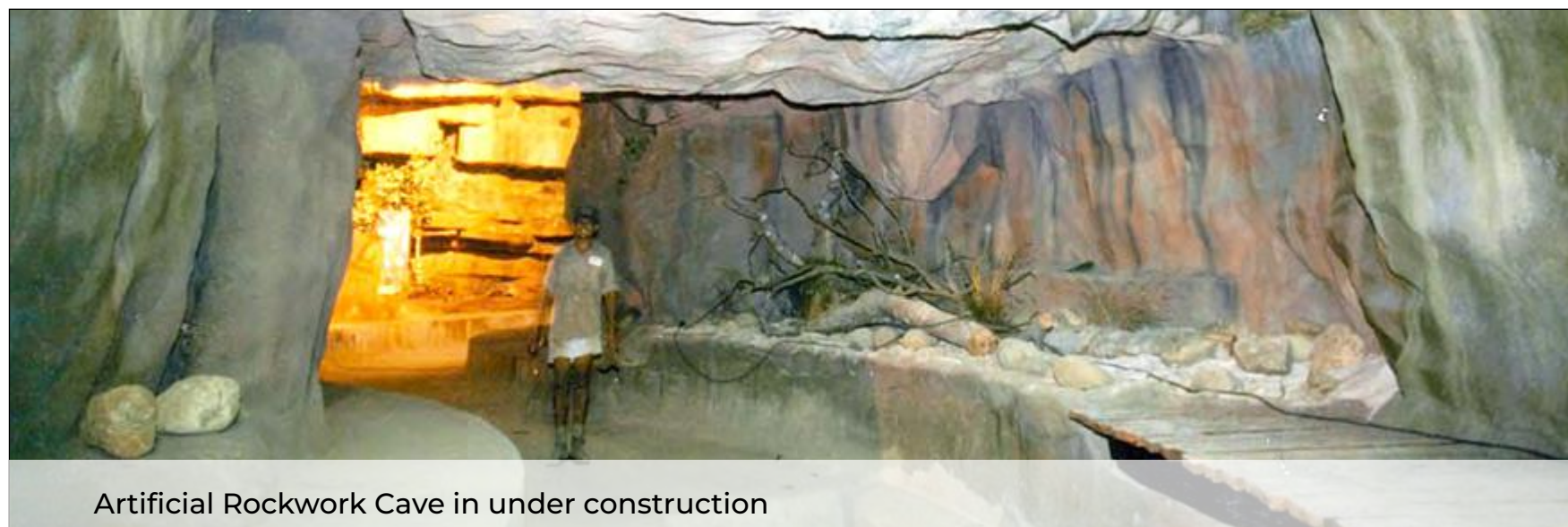
Movie World - Looney Tunes - River Boat Ride



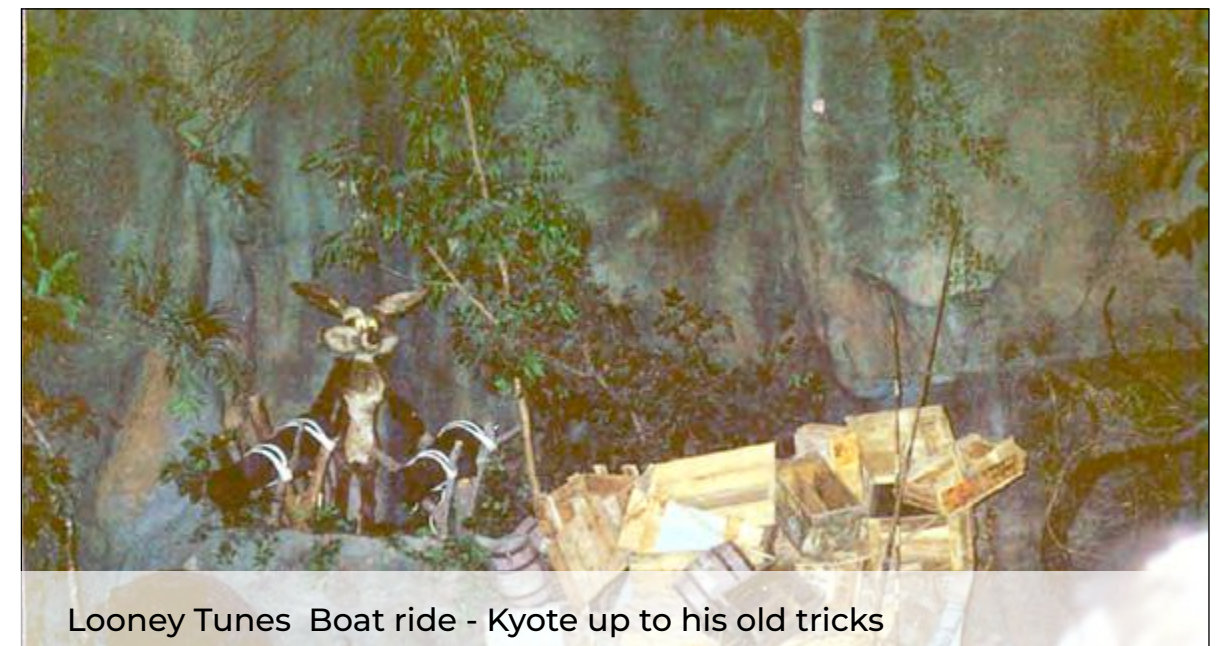
Realistic Artificial Rockwork and Plants - Workers having a bit of laugh with Bugs Bunny



Artificial Trees hanging over rockwork



Artificial Rockwork Cave in under construction



Looney Tunes Boat ride - Kyote up to his old tricks





# Artificial Rocks & Boulders

Gondwana Rainforest Sanctuary - Brisbane City

Special Exhibits







# Artificial Rocks & Boulders

Gondwana Rainforest Sanctuary - Brisbane City

Special Exhibits

Large range of artificial rockwork, living and artificial plants and trees

**GONDWANA**

Computer touch screens  
Skins & Echidnas  
Ranger-guided activities  
Quolls, Geckos & Water rats  
Spectacular night lighting  
A rainforest biosphere  
Phosphorescent fungi  
Theatrette & Kiosk  
Colourful parrots  
Freshwater fish  
Fruit bats  
Possums  
Exquisite gifts  
A magical bushwalk  
Proudly Australian built & owned

Freshwater crocodiles  
Muttaborrasaurus  
Namilamadeta  
Special effects  
Honey eaters, Owls & Frogs  
Limestone labyrinths  
Rainforest touch tank  
Natural history shop  
Photographs with koalas  
Breeding endangered species  
Palms, Ferns & Mosses  
The bizarre and beautiful  
Gliders, Pythons & Turtles  
Wheelchair accessible  
Illusory ghosts  
Kaleidoscopes  
Giant ants  
Labyrinthodonts  
Hypsilophodonts  
Aboriginal Art  
Kingfishers  
Native orchids  
Lorikeets  
Potoroos  
Bowerbirds  
Streams

Wakaleo



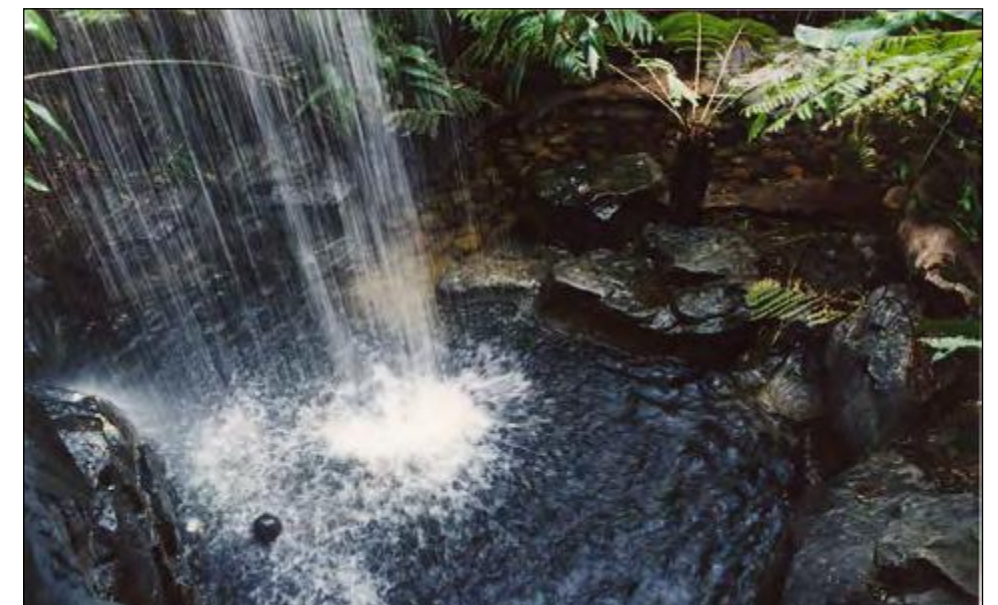


# Artificial Rocks & Boulders

Gondwana Rainforest Sanctuary - Brisbane City

Special Exhibits

Large range of artificial rockwork, living and artificial plants and trees







# Artificial Rocks & Boulders

Gondwana Rainforest Sanctuary - Brisbane City - Wildlife Exhibit

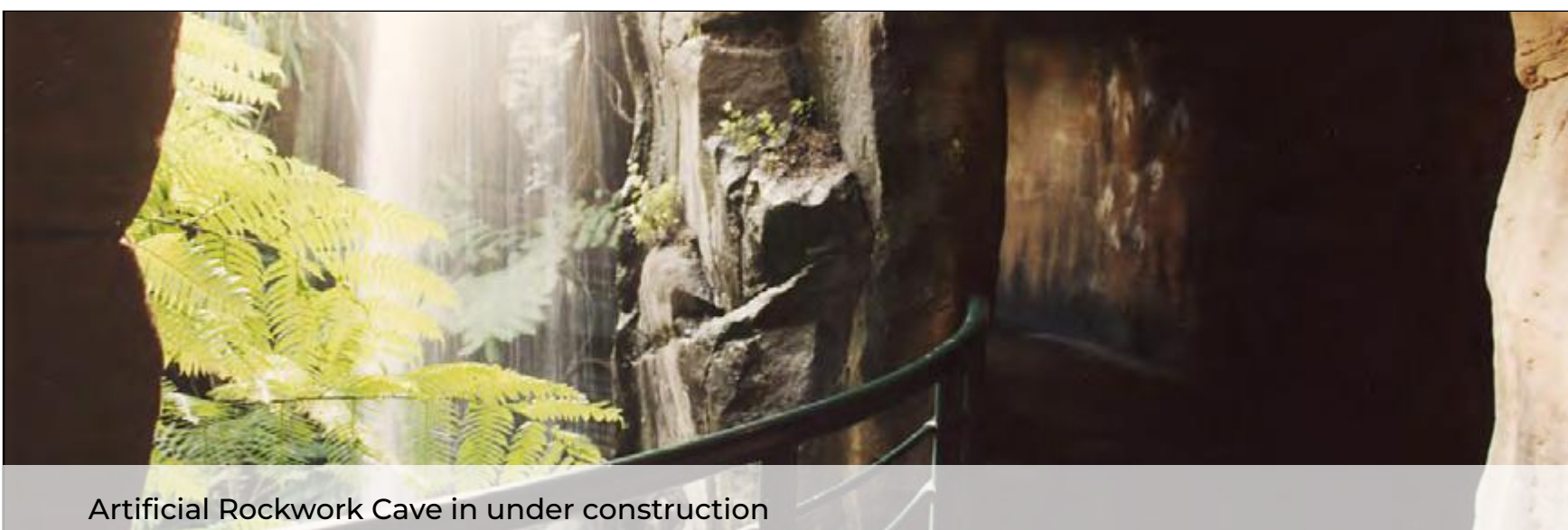
Special Exhibits



Gondwana Entry - Showcasing Artificial Rockwork detail.



Animal Habitat Exhibits - Artificial Rocks, Plants & Trees



Artificial Rockwork Cave in under construction



Artificial Rocks blended with natural surrounding trees & Plants





# Artificial Rocks & Boulders

Expo 88 - Brisbane & New Zealand Pavilion Exhibit

Special Exhibits



Expo 88 limestone cave exhibit - New Zealand Exhibit

*EXTRACT FROM LANDSCAPE AUSTRALIA PAGE 236 - MARCH 1988*

FOR MORE THAN SEVENTEEN YEARS, David Joffe has been engaged in creating natural history displays. Nine years ago, David left his position as Display Preparator at the Queensland Museum and formed Creative Castings, applying museum exhibition techniques in the commercial world. Synthetic rock inevitably features in these displays, and has had a significant impact on the Expo '88 landscaping.

Features such as the magnificent rainforest recreations in the Queensland Pavilion, the Pacific Lagoon Waterfall and the synthetic rock banks in the Lagoon surrounds are fine examples of the team's work. They also constructed the Opal Mine and the D.P.I.'s Artesian Bore Water hole. Their biggest synthetic rock feature at Expo was the waterfall and mountain structure for the New Zealand Government, which included the magical limestone caves and grottos.

David Joffe's previous commissions include various caves, mountains and waterfalls at Dreamworld; the aquarium displays and sea lion habitat at Sea-World; and largest of all 'Lasseter's Lost Mine'. Then there is 'Golf Trek' on the Gold Coast, 'Wilderness Walk' in Brisbane and Sunshine Plantations' newest attraction 'Tomorrow's Harvest'. These projects show the diverse application of the group's skills. Creative Castings also supplies the most comprehensive range of Australian animal castings and sculptures available in Australia. These are used in natural history exhibits throughout the country.

'Synthetic Rock and Water Creations' is the extension of Creative Castings concentrating solely on artificial rock and can manufacture all rock types in sprayed concrete, fibreglass, foam or G.R.C.

The ability to create natural scenes using a wide variety of construction techniques and materials has helped David Joffe and his Company to remain front runners in the never ending quest to design and build innovative and unusual exhibits. Over the years the business has become well known for its ability to transform natural designs into accurate on site creations.

In addition, David Joffe serves as consultant to landscape architects, engineers and landscape developers during the pre liminary planning stages of commercial and domestic projects.

FOR FURTHER INFORMATION CONTACT: David Joffe (07) 32897555 - Now renamed as Natureworks Pty Ltd and is situated in the Samford Valley - [www.natureworks.com.au](http://www.natureworks.com.au)





# Artificial Rocks & Boulders

Special Exhibits



Expo 88 New Zealand Pavilion exhibit - showing external waterfall pacific lagoon & Stage



Expo 88 New Zealand Pavilion exhibit - showing external waterfall pacific lagoon & Stage





# Artificial Rocks & Boulders

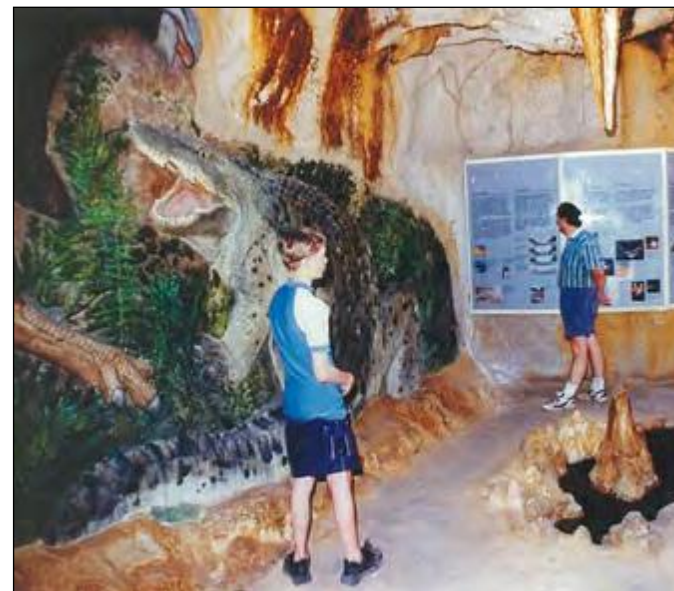
Interpretive Centre at Riversleigh Fossil centre  
Giant Prehistoric Bas Relief

Special Exhibits



## *Tourist Attractions - Cultural Centres*

This Giant bas relief was constructed in pieces and morphed into the walls of the interpretive centre created for the world heritage listed D-site at Riversleigh 400km north west of Mt. Isa Nth Queensland



A moment back in time - recaptures a giant prehistoric bird being attacked by a land dwelling giant crocodile.

Natureworks designed & built the entire rock structure, cave & the interpretive displays within.





# Artificial Rocks & Boulders

Currumbin Sanctuary - Wild Island Entry Statement

Tourist  
Attractions &  
parks

