

# Sewell Mining Town

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property


Sewell Mining Town

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Sewell Mining Town	-34.084 / -70.383	17.2	33	50.2	2006
Total (ha)		17.2	33	50.2	

### 1.4 - Map(s)

Title	Date	Link to source
Nomination and buffer zone borders; Scale: 1:3 000	2005	

### Comment

The cartographic and geographic information of the Sewell Mining Town World Heritage property has been recently provided to the Nominations Unit of the World Heritage Centre and will be presented to the World Heritage Committee at its 45th session for approval in Document 8D.

### 1.5 - Web and Social Media data of the property (if applicable)

### Comment

<https://www.fundacionsewell.org/> <https://www.sngp.gob.cl/centro-nacional-de-sitios-del-patrimonio-mundial> <https://www.facebook.com/fundacion.sewell>  
<https://www.instagram.com/fundacionsewell/> <https://twitter.com/fundacionsewell>

## 2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

### 2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	<b>International Register of Cultural Property under Special Protection</b> (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.2	<b>List of Cultural Property under Enhanced Protection</b> (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		×
2.1.3	<b>The List of Wetlands of International Importance (The Ramsar List)</b> (Convention on Wetlands of International Importance (Ramsar Convention))		×
2.1.4	<b>World Network of Biosphere Reserves</b> Man and the Biosphere (MAB) Programme		×
2.1.5	<b>Global Geoparks Network</b> UNESCO Global Geoparks		×

### 2.2 - Please provide comments on 2.1 if necessary

### 2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

### 2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

**2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?**

No

**2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?**

No

**2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes**

<b>2.7.1</b>	<b>1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.2</b>	<b>Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.3</b>	<b>Convention on Wetlands of International Importance (Ramsar Convention)</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.4</b>	<b>Man and the Biosphere (MAB) Programme</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.5</b>	<b>UNESCO Global Geoparks</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	

**2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)**

**2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?**

No

**2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware**

**2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?**

No

**2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.**

**3. Statement of Outstanding Universal Value**

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief Synthesis

Sewell Mining Town, located more than 2,200 m above sea level, clammers up the barren slopes of central Chile's Los Andes Cordillera above the world's largest underground copper mine, *El Teniente*. The first copper company town in Chile (the main producer of this metal in the world), the now-uninhabited Sewell is an outstanding example of the global phenomenon of company towns in which settlements were established in remote parts of the world to extract and process natural resources – in this case, high-value copper. These company towns were typically created through a fusion of local labour with external capital and resources. Sewell Mining Town is particularly notable for its contribution to the global spread of large-scale mining technology.

Sewell's origins go back to 1905, when the Chilean government authorized American mining engineer William Braden to exploit the copper mine. In an epic commercial endeavour, Braden built roads, a concentrator plant, camps and a railway that connected this remote place to the city of Rancagua 60 km away. *El Teniente* and the town of Sewell were owned by American companies until 1971, when the copper industry was nationalized and became the property of the State, which, by the end of 1960, had already become the major stockholder. Sewell had gradually expanded to accommodate 15,000 people in 175,000 square metres by the time of its maximum development in 1968. The town then slowly lost population when the company resolved that it was more efficient to move its workers to Rancagua. A process of demolition ended in the 1990s when a policy oriented toward the protection and conservation of the site was implemented.

Sewell is a company town of great originality. It is known as the *Ciudad de las Escaleras* (City of Stairs) or *Ciudad Derramada en el Cerro* (City Spread Down the Hill) because of its urban configuration on the steep Andean slopes. These dramatic inclines gave rise to an organic design characterised by an exclusively pedestrian interior circulation system of stairs and paths, with public places built on small open areas between the buildings. The construction of buildings and industrial facilities shows great creativity and quality in the use of wood and steel. Their architectural expression is marked by austerity, functionality and the imprint of modernism.

The most outstanding attributes of the property are the industrial installations, which take advantage of the hillside incline for the mineral grinding process; the buildings that combine houses on the upper floors with business or services in the ground floor; the service buildings, public spaces and pedestrian circulation system; the electric infrastructure and drinking water and sewer systems; the assorted and diverse networks of pipes crossing the town, as well as the Rebolledo Bridge; and the urban design and the ensemble's location in the stark Andean landscape. Among the industrial installations, the Concentrator (still in working order) and the energy infrastructure stand out, as well as the *Punta de Rieles* (Rails' End) sector at the highest point on the property. In Sewell was forged a special culture – a combination of Chilean and American customs – which survives with its former residents and their descendants.

**Criterion (ii):** Sewell town in its hostile environment is an outstanding example of the global phenomenon of company towns, established in remote parts of the world through a fusion of local labour with resources from already industrialised nations, to mine and process high value copper. The town contributed to the global spread of large-scale mining technology.

Integrity

Within the boundaries of the 17.2-ha property are located all the elements necessary to express the Outstanding Universal Value of Sewell Mining Town, including 38 percent of the housing and 80 percent of the industrial buildings that constituted the town at the time of its maximum development. These buildings form the central core of the town as it was configured by the mid 20th century. The property includes all the construction typologies historically located here except for the detached single-family houses of the American inhabitants, all of which have been destroyed. The pedestrian circulation system, public spaces and service infrastructure are intact and remain operational. The property does not suffer from adverse effects of development or neglect.

The property (which is surrounded by a 33-ha buffer zone) is within a mining exploitation area, so access is controlled; tour visits are limited, and undertaken only under the supervision of authorized operators. Because of this provision, the property does not suffer from looting and does not face undue tourism pressure.

Authenticity

Sewell Mining Town is authentic in terms of the ensemble's forms and designs, materials and substances, uses and functions, and location and setting. The industrial sector of the property still operates, thereby assuring its full authenticity of use and function. Although copper flotation (metal separation) is no longer performed in the Concentrator, mineral grinding still is. Sewell is a remarkable example of synergy between production and property conservation, and its future viability largely depends on this balance.

In the non-industrial sector buildings, some interior transformations took place in the 1980s, but are reversible. Most of the buildings have been thoroughly restored and are subjected to periodic maintenance; their construction systems, design and essential characteristics have been preserved. The town also includes buildings that authentically illustrate the full range of its construction stages, including the last stage before its depopulation, when management introduced modern reinforced concrete buildings (Building No. 501, built in 1958, for example). It has been recommended, in the context of the Committee's comment at the time of inscription concerning adaptive re-use, that evidence of the town's buildings' original functions be strengthened.

The widespread use of wood creates a serious potential for fire, although the high altitude reduces this risk, and there are strict safety procedures to minimise this and other potential disasters. The high altitude has also made the property inhospitable to xylophagous insects.

Protection and management requirements

Sewell Mining Town is owned by the El Teniente Division of the National Copper Corporation of Chile (Codelco-Chile), a State-owned corporation created by Decree Law No. 1.350 of 30 January 1976. In 2006 this corporation created the *Fundación Sewell* (Sewell Foundation), a non-profit organization devoted specifically to managing, administering, conserving and promoting Sewell Mining Town's assets as a museum site for the copper mining industry, and to which it provides funding. Sewell Mining Town was declared a National Monument by virtue of Ministry of Education Decree No. 857 of 27 August 1998, and is therefore overseen by the National Monuments Council. A Management Plan was in force for the period 2006-2010, but has not yet been updated. An important management principle for the property has been community participation: the former inhabitants of Sewell's contribution to conserving and developing the property and its memory for future generations is underlined, as are historical and archaeological investigations and interpretation of the property as a testimony to Chilean copper mining as a whole.

Sustaining the Outstanding Universal Value of the property over time will require updating, approving and implementing the Management Plan for the property; maintaining a rigorous maintenance programme, given the harsh climatic conditions; in the context of adaptive re-use, restoring rather than adapting a number of the dwelling units in order to display the realities of mining life in the town and to keep sufficient evidence of the internal layout of the buildings to ensure that their original functions can be discerned; and ensuring that interventions, including those related to ongoing copper mining and processing activities, do not compromise the Outstanding Universal Value, authenticity and integrity of the property.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Emplazamiento y topografía cordillerana	✘			

3.2.2	Asentamiento Minero de singular trazado urbano	×			
3.2.3	Instalaciones Industriales	×			
3.2.4	Edificios No Industriales: residenciales y equipamiento de servicios	×			
3.2.5	Escalera central, espacios públicos y sistema de circulación peatonal	×			
3.2.6	Sistemas constructivos	×			
3.2.7	Expresión arquitectónica	×			
3.2.8	Cultura minera sewellina	×			
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

### 3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

## 4. Factors Affecting the Property

### 4.1. Buildings and Development

#### 4.1.1 - Housing

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	×
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#### 4.1.2 - Commercial development

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	×
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#### 4.1.3 - Industrial areas

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔧 Current	🔧 Potential	🏠 Inside	🌐 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive ✕	✕		✕	✕		→	
🔴 Negative							

#### 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (17/11/2012):

- Not relevant


Relevant	×
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#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Inside

✖ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🚩 Current	🚩 Potential	🏠 Inside	🏠 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive ✖	✖	✖	✖				📈

 Negative							
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#### 4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively


4.1.3 Most of the industrial buildings continue to operate, keeping the industrial mining value of the Site / 4.1.5 Significant improvements in equipment and tourist services; implementation of museological recreations, replacement of signage for visitors, maintenance of public spaces and central staircase.

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Inside, Outside

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Outside

 Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

4.2.1 Roads are well-maintained, because of industrial activity/ 4.2.5. Its maintenance allows safe and reliable access to the site.

### 4.3. Services Infrastructures

#### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.4.3 - Surface water pollution

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Current, Potential, Outside

Relevant	✕ Not relevant
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4.4.5 - Solid waste

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕	✕		→	

4.4.6 - Input of excess energy

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively**

4.4.4 Considered not relevant, as it does not affect the site. 4.4.5 Solid waste from site maintenance is handled through a plan and procedures that include: collection, sorting, and transfer to the Solid Waste Management Center (CMRS in Spanish).

**4.5. Biological resource use/modification**

**4.5.1 - Fishing/collecting aquatic resources**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.2 - Aquaculture**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.3 - Land conversion**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.4 - Livestock farming/Grazing of domesticated animals**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.5 - Crop production**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.6 - Commercial wild plant collection**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.7 - Subsistence wild plant collection**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.8 - Commercial hunting**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.9 - Subsistence hunting**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.10 - Forestry/Wood production**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively**

**4.6. Physical resource extraction**

**4.6.1 - Mining**

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕		→	
 Negative							

**4.6.2 - Quarrying**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.6.3 - Oil and gas**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.6.4 - Water (extraction)**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively**

4.6.1 Mining activity is part of the values and attributes of the Site. It sustains the services infrastructure, such as electric power and accessibility to the Site. It also implements environmental policies on an ongoing basis.

**4.7. Local conditions affecting physical fabric**

**4.7.1 - Wind**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.7.2 - Relative humidity**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.7.3 - Temperature**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.7.4 - Radiation/Light**

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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**4.7.5 - Dust**

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Current, Outside




Relevant	✕ Not relevant
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#### 4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Current, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕			✕		→	

#### 4.7.7 - Pests

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.8 - Micro-organisms

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

4.7.6 Potential risk to the structure of the buildings due to seepage through the fabric. The use of salt to keep roads accessible in winter, melts snow, but damages the pavement in the medium term. / 4.7.5 Minimum presence of dust due to mitigation actions.

#### 4.8. Social/Cultural uses of heritage

##### 4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (17/11/2012):

- Relevant, Positive, Current, Potential, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕		✕		→	
 Negative							

##### 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (17/11/2012):

- Not relevant


















Relevant	✕ Not relevant
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##### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Current, Potential, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		

Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative 							

#### 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (17/11/2012):

- Not relevant

 Relevant				Not relevant			
Impact	 Current	 Potential	Origin		Trend of impact		
 Positive 							
 Negative							

#### 4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

4.8.2 Restoration and maintenance of interior and exterior spaces, high valuation/ 4.8.5 Positive: children and grandchildren of former Sewellians are included; negative: death of former Sewell residents. / 4.8.6. Tourism reinforces the identity of the site with the visit of former residents; it broadens the knowledge and promotion of the site's values; it contributes significantly to financing its conservation; it generates jobs for those who develop tourism activities.

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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##### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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##### 4.9.3 - Military training

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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##### 4.9.4 - War

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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##### 4.9.5 - Terrorism

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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##### 4.9.6 - Civil unrest

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

#### 4.10. Climate change and severe weather events

##### 4.10.1 - Storms

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.10.2 - Flooding

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.10.3 - Drought

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.10.4 - Desertification

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.10.6 - Temperature change

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.11.2 - Earthquake

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕		✕		✕			

##### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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#### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (17/11/2012):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant	Not relevant
------------	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative ✕		✕	✕	✕			

#### 4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

4.11.2 All high-rise buildings are at risk from earthquakes, even if they have a good structural performance. / 4.11.6 Safety protocols are in place to prevent fires. Potential risk in wooden buildings.

#### 4.12. Invasive/alien species or hyper-abundant species

##### 4.12.1 - Translocated species

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	✕ Not relevant
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##### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (17/11/2012):

- Not relevant















Relevant	✕ Not relevant
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#### 4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

#### 4.13. Management and institutional factors















##### 4.13.1 - Management system/Management plan

✕ Relevant	Not relevant
------------	--------------


	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.13.2 - Legal framework

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.13.3 - Governance
















Relevant	 Not relevant
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#### 4.13.4 - Management activities

Previous answer Cycle 2 (17/11/2012):
















- Relevant, Positive, Current, Inside, Outside

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							
















#### 4.13.5 - Financial resources

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.13.6 - Human resources

 Relevant	Not relevant
--	--------------

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive 							
 Negative							

#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (17/11/2012):


- Not relevant

Relevant	 Not relevant
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#### 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (17/11/2012):

- Not relevant

Relevant	 Not relevant
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#### 4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively
































































The plans guide the handling and management of the site for its conservation. Legislation ensures the official protection of the property. Management Activities allow for an integrated process to ensure the sustainability of the property. Since 2017 self-generated resources and those coming from the public sector have allowed for financial sustainability and to sustain conservation and enhancement actions. The site manager has implemented a professional organization.

#### 4.14. Other factor(s)

##### 4.14.1 - Other factor(s)

#### 4.15. Factors Summary Table

##### 4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.3 Industrial areas						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
4.2.5 Effects arising from use of transportation infrastructure						
4.4 Pollution						
4.4.5 Solid waste						
						
4.6 Physical resource extraction						
4.6.1 Mining						
4.7 Local conditions affecting physical fabric						
4.7.6 Water (rain/water table)						
						
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage						
4.8.5 Identity, social cohesion, changes in local population and community						
						
4.8.6 Impacts of tourism/Visitation/Recreation						
4.11 Sudden ecological or geological events						
4.11.2 Earthquake						
						
4.11.6 Fire (wildfire)						
						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						

4.13.2 Legal framework	+	⚠		+	+	→
4.13.4 Management activities	+	⚠	⚠	+	+	→
4.13.5 Financial resources	+	⚠	⚠	+	+	→
4.13.6 Human resources	+	⚠	⚠	+	+	→
<b>Legend</b>	⚠ Current	⚠ Potential	⊖ Negative	⊕ Positive	⊕ Inside	⊕ Outside

## 4.16. Assessment of current and potential positive and negative factors

### 4.16.1 - Assessment of current and potential negative and positive factors

#### 4.1 Buildings and Development

Name	Impact			Origin		Trend
4.1.3 Industrial areas	+	⚠		⊕	⊕	→

#### Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✗	Widespread

#### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✗	On-going

#### Impact - Impact on the attributes

	Insignificant
	Minor
	Significant
✗	Major

#### Management response - Capacity of management to respond

	High capacity
✗	Medium capacity
	Low capacity
	No capacity and / or resources

#### Trend - Development over the last 6 years

	Decreasing
✗	Static
	Increasing




Name		Impact			Origin		Trend
4.1.5 Interpretative and visitation facilities							
<b>Spatial scale - Area affected by the factor</b>							
	Restricted						
	Localised						
	Extensive						
	Widespread						
<b>Temporal scale - Occurrence of the impact</b>							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
<b>Impact - Impact on the attributes</b>							
	Insignificant						
	Minor						
	Significant						
	Major						
<b>Management response - Capacity of management to respond</b>							
	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
<b>Trend - Development over the last 6 years</b>							
	Decreasing						
	Static						
	Increasing						

## 4.2 Transportation Infrastructure

Name		Impact			Origin		Trend
4.2.1 Ground transport infrastructure							
<b>Spatial scale - Area affected by the factor</b>							
	Restricted						
	Localised						
	Extensive						
	Widespread						
<b>Temporal scale - Occurrence of the impact</b>							
	One off or rare						
	Intermittent or sporadic						
	Frequent						








	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
	Significant
✕	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
	Medium capacity
	Low capacity
✕	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin	Trend
4.2.5 Effects arising from use of transportation infrastructure					

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
✕	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
	Significant
✕	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
	Medium capacity
	Low capacity
✕	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static






	Increasing
--	------------

## 4.4 Pollution

Name	Impact			Origin		Trend
4.4.5 Solid waste						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
<input checked="" type="checkbox"/>	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
<input checked="" type="checkbox"/>	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
<input checked="" type="checkbox"/>	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
<input checked="" type="checkbox"/>	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
<input checked="" type="checkbox"/>	Increasing





## 4.6 Physical resource extraction

Name	Impact			Origin		Trend
4.6.1 Mining						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
<input checked="" type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
	Medium capacity
	Low capacity
✕	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

#### 4.7 Local conditions affecting physical fabric

Name	Impact			Origin		Trend
4.7.6 Water (rain/water table)						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity

	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

#### 4.8 Social/Cultural uses of heritage

Name	Impact			Origin	Trend
4.8.2 Society's valuing of heritage					

##### Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

##### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going

##### Impact - Impact on the attributes

	Insignificant
	Minor
✕	Significant
	Major

##### Management response - Capacity of management to respond

✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources

##### Trend - Development over the last 6 years





	Decreasing
	Static
✕	Increasing

Name	Impact			Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community					

##### Spatial scale - Area affected by the factor

	Restricted
✕	Localised
	Extensive




	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation					

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
	Medium capacity

	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
	Increasing

#### 4.11 Sudden ecological or geological events

Name	Impact	Origin	Trend
4.11.2 Earthquake			
			 






<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
✕	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major

<b>Management response - Capacity of management to respond</b>	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources

<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact		Origin		Trend
4.11.6 Fire (wildfire)					
					

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised




	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
✕	Decreasing
	Static
	Increasing

#### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	<div> <div>+</div> <div>⚠</div> <div>⚠</div> </div>	<div> <div>+</div> <div></div> </div>	<div> <div>→</div> </div>

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
	Extensive
✕	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
	Significant
✕	Major
<b>Management response - Capacity of management to respond</b>	

✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	 	 	







<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
✕	Extensive
	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major

<b>Management response - Capacity of management to respond</b>	
	High capacity
	Medium capacity
✕	Low capacity
	No capacity and / or resources

<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted







	Localised
✕	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.5 Financial resources						

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
✕	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity

✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.6 Human resources	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised
	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
	Minor
✕	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

#### 4.17. Serial inscriptions (national or transnational)

**4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor**

#### 4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

**4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)**

Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1 Emplazamiento y topografía cordillerana	✕			

4.18.1.2	Asentamiento Minero de singular trazado urbano	×			
4.18.1.3	Instalaciones industriales	×			
4.18.1.4	Edificios No industriales: residenciales y equipamiento de servicios	×			
4.18.1.5	Escalera central, espacios públicos y sistema de circulación peatonal	×			

## 5. Protection and Management of the Property

### 5.1. Boundaries and Buffer Zones

#### 5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

#### 5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

#### 5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

#### 5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised** by the management authority **but are not known** by local communities/landowners

#### 5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

Managers are familiar with the concept of Buffer Zone, a technical term in World Heritage, to which other actors are not usually linked, which may generate less knowledge of its scope.

### 5.2. Protective Measures

#### 5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

The town was declared a national monument in 1998 in the category of Typical and Picturesque zone.

Source: Advisory Body Evaluation

#### 5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

#### 5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

#### 5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

#### 5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

#### 5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

#### 5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

The site is regulated and protected under the Law 17.288. It rules applies to heritage area, as typical zone. There's not other regulation as mining, environmental or urban planning. The buffer zone is regulated by the Management Plan.

#### 5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

### 5.3. Management System/Management Plan

#### 5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Private ownership/management

If 'Other', please specify

#### 5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A statutory Management Plan or zoning plan for the property.

Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management

A code of practice developed by industry
An integrated management plan combining World Heritage and any other designations
A management plan
An annual work plan or business plan
A disaster, climate or conflict risk management plan
A visitor/visitation management plan
An environmental management framework

### 5.3.3 - Please give a brief description of the management system currently in place at your property

The Sewell Foundation, administrator of the Site, is a private non-profit organization, whose objective is the management and conservation of the Property, in terms of promoting the mining, architectural and socio-cultural heritage. Their management is organized in 4 essential areas: General Administration; Conservation and Maintenance; Project Development; and Tourist Operation and Outreach.

### 5.3.4 - Management Documents

#### Comment

The Site had a Management Plan in effect until 2010 and is currently in the process of final revision. The Site's updated Management Plan (PM-1) will be in force until 2030.

### 5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

### 5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

### 5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

**No use** has been made of the World Heritage Policy for Climate Change

### 5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

### 5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

**No use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

### 5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

### 5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

### 5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

### 5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

### 5.3.14 - Is there an annual work/action plan and is it being implemented?

An annual work/action plan **exists and many of its activities are being implemented**

### 5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			✗		
5.3.15.2	Local authorities				✗	
5.3.15.3	Landowners in the property and the buffer zone			✗		
5.3.15.4	Indigenous peoples	✗				
5.3.15.5	Women		✗			
5.3.15.6	Other specific groups	✗				

	If you selected, 'Other specific groups' please specify	
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**5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups**

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				×	
5.3.16.2	Local/Municipal authorities				×	
5.3.16.3	Indigenous peoples	×				
5.3.16.4	Landowners					×
5.3.16.5	Women				×	
5.3.16.6	Youth/Children				×	
5.3.16.7	Researchers			×		
5.3.16.8	Local Visitors/Tourists					×
5.3.16.9	National/International tourists					×
5.3.16.10	Tourism Industry				×	
5.3.16.11	Local businesses and industries			×		
5.3.16.12	NGOs		×			
5.3.16.13	Other specific groups				×	
	If you selected 'Other specific groups', please specify	Professional and special interest associations, schools, universities				

**5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention***

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality			×		
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)	×				
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status			×		
5.3.17.4	The management system of the property integrates a human rights-based approach	×				
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood			×		
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property	×				

**5.3.18 - Please provide further details on the ratings of the management system given in the table above**

The Sewell camp has been uninhabited since 1988, so there is no resident local community. The property is owned by Codelco Chile, a state-owned company that complies with all current economic, labor, social, environmental and safety regulations.

**5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan**

**6. Financial and Human Resources**

**6.1. Funding**

**6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.**

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %

6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.6	Governmental (national/federal)	50 %	50 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	0 %	0 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	0 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	40 %	40 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	10 %	10 %
6.1.1.12	Other	0 %	0 %
		Total 100 %	Total 100 %

#### 6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

#### 6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is acceptable** but **could be further improved** to fully meet the management needs

#### 6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure over the medium-term** and **planning is underway to secure funding over the long-term**

#### 6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

The Sewell Foundation has financed the costs of maintenance and general management of the Site through self-generated income from tourism activities and by obtaining public resources from the State. Due to the pandemic situation, the last two years there has been no income from tourism, mitigating the situation thanks to benefits from the State.

#### 6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	80 %	100 %
6.1.6.2	Women	20 %	0 %
		Total 100 %	Total 100 %

#### 6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources are **inadequate** for management needs

#### 6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Fair
Environmental sustainability	Fair
Community participation and inclusion	Poor
Risk preparedness	Fair
Capacity development and education	Poor
Administration	Fair
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Good
Visitor management/tourism	Fair
Enforcement (custodians, police)	Good

#### 6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Fair
Environmental sustainability	Not available
Community participation and inclusion	Fair
Risk preparedness	Poor

Capacity development and education	Poor
Administration	Fair
Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Fair
Visitor management/tourism	Poor
Enforcement (custodians, police)	Fair

#### 6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

No use has been made of the World Heritage Strategy for Capacity Building

#### 6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

#### 6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff

#### 6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training

The Sewell Foundation has a staff of 15 people who perform administrative, conservation, promotion, and tourism operation duties. On average, the staff has worked uninterruptedly for 6 years, which has allowed for ongoing training and personal development.

### 7. Scientific Studies and Research Projects

#### 7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

#### 7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?

There is a **small amount of research**, but it is **not planned**

#### 7.3 - Are results from research programmes publicly available and disseminated?

Research **results are shared** with local communities and partners **but there is no active outreach** to national or international agencies

#### 7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects

Initiatives to develop a specific research project will be previously analyzed by the Sewell Foundation to determine if they are compatible and cohesive with its general objectives. Likewise, they must be sponsored and endorsed by renowned academic institutions, and their objectives, scope, and means of dissemination must be clearly detailed.

### 8. Education, Information and Awareness Building

#### 8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities	Fair
Local/municipal authorities	Fair
Indigenous peoples	Not applicable
Landowners	Fair
Women	Poor
Youth/children	Poor
Researchers	Good
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Good
Local businesses and industries	Poor
NGOs	Poor
Other specific groups	Not applicable

If you selected 'Other specific groups', please describe

**8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?**

There is a **limited and ad hoc** education and awareness programme for children and/or youth

**8.3 - Who are the target audiences for education and awareness programmes at your property?**

Local communities

Local/municipal authorities

Women

Youth/children

Researchers

Local Visitors

National/international tourists

Tourism industry

**8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building**

Visitor centre	Poor
Site museum	Good
Information booths	Not needed
Guided tours	Good
Trails/routes	Fair
Printed information materials	Not provided but needed
Online (website, social media, etc.)	Fair
Transportation facilities	Fair
Other	Good
If 'Other' is selected, please specify	Museological recreations (workers' housing in building N°35; employees' housing in building N°42; mine recreation, plinth of the Museum of the Great Copper Mining).

**8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building**

8.3.1. The Local Community includes the former residents of Sewell and Codelco Chile, owner of the property 8.4.1. The Sewell Foundation serves as a visitor center and starting point for travel to the Site.

**9. Visitor Management**

**9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report**

0 / 750 / 12600 / 16600 / 14500 /

**9.2 - What information sources are used to collect visitor statistics?**

Entry tickets and registries

Visitor surveys

**9.3 - What is the average length stay of a visitor to the World Heritage property?**

One day (no overnight stay)

**9.4 - Please provide the source of information**

Manager records

**9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)**

0 / 7,45 / 6,22 / 24,90 / 0 / 13,69 /



9.6 - Please provide the source of information

Site Manager Records / casino operators / railroad fees (ref. Santiago-Rancagua)

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property

9.8 - Please provide any comments relating to the answer provided above in question 9.7

The Sewell Foundation's management includes sightseeing tours to the site, which are recorded in different documents that describe the nature of the tours, the essential components, the necessary infrastructure, and the training of the guides. Tourist activity is an adequate instrument for promotion and, at the same time, as a way of raising funds for the economic sustainability of the site.

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is **effectively managed and does not impact its Outstanding Universal Value**

9.10 - Is the effectiveness of tourism management regularly monitored?

Yes, using a different system

If a different system, please specify

Management plan and visitor satisfaction surveys

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There **is contact** between those responsible for the World Heritage property and the tourism industry but this **is largely confined to administrative or regulatory matters**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property **is adequately presented and interpreted**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **many locations** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

**Fees are collected** and make a **substantial contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

Yes

If 'Yes', please specify

Agreements with the local community and/or former residents

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

Tourism provides jobs to the community, such as tour guides, service providers, artisans, drivers, and local labor for the conservation of local properties.

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

Tourist activity contributes significantly to the promotion of the site's values, which is reinforced by visits to the Great Copper Mining Museum. In addition, income from tourism has increasingly financed the conservation of the site and generated sources of employment for those who work directly or indirectly at the site. Due to the pandemic situation, the last two years there has been no income from tourism, mitigating the situation thanks to benefits from the State.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is a **comprehensive, integrated programme of monitoring**, which is relevant to management needs and/or improving understanding of the Outstanding Universal Value

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate and key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation				×
10.3.2	Effectiveness of the management system				×

10.3.3	Character of governance		×		
10.3.4	Appropriate synergy with other conservation designations	×			
10.3.5	Contribution to sustainable development		×		
10.3.6	Capacity development			×	

#### 10.4 - Please provide information on relevant key indicators adopted at the property

The Management Plan considers 7 specific action plans (Administration and Management; Conservation and Maintenance; Financial Sustainability; Security and Environment; Dissemination; Museology; Research), each of which has quantitative indicators to monitor and evaluate the level of compliance with the plan. These indicators monitor conservation projects and their technical compliance; investments; revenues and costs and the level of visitor satisfaction.

#### 10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Good
Local/municipal authorities	Fair
Local communities	Poor
Indigenous peoples	Not applicable
Landowners	Fair
Women	Poor
Researchers	Non-existent
Tourism industry	Non-existent
Local businesses and industry	Not applicable
NGOs	Not applicable
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

#### 10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

Implementation is complete

#### 10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

The only recommendation for the site was the one made at the time of registration, and it is fully implemented.

#### 10.8 - Comments, conclusions and/or recommendations related to Monitoring

The management plan was recently updated and includes more detailed monitoring for the different action plans. It is currently in the approval and implementation stage.

### 11. Identification of Priority Management Needs

#### 11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.4	The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b>	×
5.3	Management System/Management Plan	
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	×
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	×
5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	×
5.3.17	<ul style="list-style-type: none"> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to gender equality</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to fostering inclusive local economic development, and to enhancing livelihood</b></li> </ul>	×
6.1	Funding	
6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property	×
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property	×
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	×

6.1.12	A <b>site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external staff</b>	✕
7	<b>Scientific Studies and Research Projects</b>	
7.2	There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>	✕
7.3	Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies	✕
8	<b>Education, Information and Awareness Building</b>	
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	✕
9	<b>Visitor Management</b>	
9.11	There <b>is contact</b> but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this <b>is largely confined to administrative or regulatory matters</b>	✕

Please select -3 more issues.

☒ Please save this question to reflect changes

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

#### 12.1.1 - Summary - Factors affecting the Property

4.4	<b>Pollution</b>						
4.4.5	Solid waste	Criterio (ii) Attributes: (i) Mountain location and topography, (ii) Mining settlement with a unique urban layout, (v) Central staircase, public spaces, and pedestrian traffic system, (vii) Architectural expression	All projects for the conservation, restoration and management of the properties must consider the prior cleaning of the site where the works will be carried out, as well as during and at the end of their execution.	The Sustainability and External Affairs Management (GSAE in Spanish) of Codelco Chile, El Teniente Division oversees the control and follow-up of the Solid Waste (RISES in Spanish) treatment actions.	The execution of actions to manage solid waste is part of the policies and uninterrupted programs carried out by Codelco Chile, El Teniente Division.	Codelco Chile, El Teniente Division, through its Sustainability and External Affairs Management (GSAE)	The Management Plan includes a specific action plan in this regard, called Safety and Environment.
4.7	<b>Local conditions affecting physical fabric</b>						
4.7.6	Water (rain/water table)	Criterio (ii) Attributes: (iii) Industrial Buildings, (iv) Non-Industrial Buildings, (v) Central staircase, public spaces, and pedestrian traffic system, (vi) Construction systems, (vii) Architectural expression, (viii) Sewell mining culture	Execute the actions established in the Specific Maintenance Plan.	Monitor compliance with the action plan according to the Specific Maintenance Plan and the management indicators associated with them. This includes an annual registry update of the different properties that make up the site on an annual basis.	The Specific Maintenance Plan has a 9-year timeframe.	Sewell Foundation	Rainwater can also affect the outside areas of the Site if the existing water drainage systems are not properly maintained.
4.8	<b>Social/Cultural uses of heritage</b>						
4.8.5	Identity, social cohesion, changes in local population and community	Criterio (ii) Attributes: (viii) Sewell mining culture	Considers periodic dissemination of the following areas: The history of Sewell and the Great Copper Mining; the urban, architectural uniqueness of Sewell; the Sewellian culture, its origin and the factors that sustain it.	To monitor compliance with the action plans according to the Specific Dissemination Plan and the associated management indicators.	The Specific Dissemination Plan has a 9-year timeframe.	Sewell Foundation.	The transmission of values to their descendants (children, grandchildren of former Sewellians) and to the general community is part of the Specific Dissemination Plan to preserve the memory and reinforce the "Sewellian mining" identity.
4.11	<b>Sudden ecological or geological events</b>						

4.11.2	Earthquake	Criterio (ii) Attributes: (ii) Mining settlement with a unique urban layout, (iii) Industrial Buildings, (iv) Non-Industrial Buildings: residential and service buildings, (v) Central staircase, public spaces, and pedestrian traffic system	Execute the actions established in the Specific Maintenance Plan, referring to the structural components of the buildings.	Periodically verify and monitor the structural condition of buildings.	The Specific Conservation and Maintenance Plan has a 9-year timeframe.	Sewell Foundation.	Due to appropriate maintenance, the buildings, which are mostly made of wood, have an excellent structural performance against earthquakes. The last major earthquake (2010) did not affect the physical properties of the site.
4.11.6	Fire (wildfire)	Criterio (ii) Attributes: (ii) Mining settlement with a unique urban layout, (iii) Industrial Buildings, (iv) Non-Industrial Buildings, (v) Central staircase, public spaces, (vi) Construction systems, (vii) Architectural expression	To monitor compliance with the risk plan, regarding the management of physical properties and to verify actions aimed at training, dissemination and application of the different procedures and protocols.	Compliance with the fire prevention plan is monitored by the Occupational Health and Safety Management (GSSO in Spanish) of Codelco Chile El Teniente Division.	Continuously, with at least 2 meetings every six months or earlier if needed.	Occupational Health and Safety Management (GSSO) / Sewell Foundation.	This implies complying with and promoting the procedures and protocols defined for these objectives by Codelco Chile, El Teniente Division, through its Occupational Health and Safety Management.

### Summary - Factors affecting the Property completed

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
		Actions	Timeframe	Lead agency (and others involved)	More info / comment
5.1.4	The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b>	It is considered necessary to inform the communities in general (former Sewellians, professional and specific interest associations, visitors) that the site has buffer zone.	Each time a presentation is made on the protection and management of Camp Sewell.	Sewell Foundation	The site has been uninhabited since the 1970s, since the former residents were moved to the city of Rancagua, so there is no local community at the site.
5.3	Management System/Management Plan				
5.3.7	<b>No use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	The content of the document, applicable to the conditions of the Site, will be published.	2022 - 2030	Sewell Foundation	Contents of the document that are applicable to the specific condition of the Site will be identified.
5.3.9	<b>No use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	The content of the document, applicable to the conditions of the Site, will be published.	2022 - 2030	Sewell Foundation	Contents of the document that are applicable to the specific condition of the Site will be identified.
5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	Reinforce a periodic communications plan between the owner of the property, Codelco Chile El Teniente Division, and the site manager, which is the Sewell Foundation, an organization created by the owner to manage the site.	Four-monthly	Sewell Foundation and Codelco Chile, El Teniente Division	A higher level of coordination and cooperation is expected.
5.3.17	<ul style="list-style-type: none"><li>• In a limited manner, the management system of the World Heritage property does <b>contribute to gender equality</b></li><li>• In a limited manner, the management system of the</li></ul>				

	<p>World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></p> <ul style="list-style-type: none"> <li>• <b>In a limited manner</b>, the management system of the World Heritage property does <b>contribute to fostering inclusive local economic development, and to enhancing livelihood</b></li> </ul>				
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6.1	Funding				
6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property	Boost the search for funding alternatives to enhance the management and conservation of the Site.	2 to 3 times per year	Sewell Foundation	These actions are part of the Specific Financial Sustainability Plan.
6.1.7	Human resources <b>are inadequate</b> for the management needs of the World Heritage property	The development and training of the organization's staff must be consistent with the new challenges assumed by the Sewell Foundation.	Based on the development needs of the Sewell Foundation.	Sewell Foundation	For the training and development of staff, it is essential to remain in the organization for at least 3 years.
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property				
6.1.12	<b>A site-based</b> capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, <b>but most technical work is carried out by external</b>	We will continue to work on capacity building within our management.	Based on the development needs of the Sewell Foundation.	Sewell Foundation	It is essential to have sufficient and stable human resources that are not affected by external labor conditions.

	staff				
7	Scientific Studies and Research Projects				
7.2	There is a <b>small amount of research</b> in the World Heritage property <b>but it is not planned</b>	Reinforce actions related to research with stakeholders and following the objectives of the management plan.	Based on the needs and opportunities of the Sewell Foundation.	Sewell Foundation	Priority will be given to topics relevant to conservation and memory.
7.3	Research <b>results are shared</b> with local communities and partners <b>but there is no active outreach</b> to national or international agencies				
8	Education, Information and Awareness Building				
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	Strengthen existing agreements with activities that allow the transmission of values and attributes of the Property (seminars, conferences, social media sharing, information on the website and community participation activities).	Semiannually	Sewell Foundation	The Sewell Foundation, through its representatives, will participate in events organized by third parties, which will also allow us to promote the values and attributes of the property.
9	Visitor Management				
9.11	There is <b>contact</b> but this is largely confined to administrative or regulatory mattersThere is contact between those responsible for the World Heritage property and the tourism industry but this <b>is largely confined to administrative or regulatory matters</b>	The creation of partnerships will be evaluated as the security and visitation conditions of the Site develop.	Based on the needs and opportunities of the Sewell Foundation.	Sewell Foundation	It will be developed within the framework of the management plan and partnerships with other stakeholders in the territory.

Summary - Management Needs completed

### 12.3. Conclusions on the State of Conservation of the Property

#### 12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

#### 12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

#### 12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

#### 12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

#### 12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

### 13. Impact of World Heritage Status

### 13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Not applicable
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Negative
Political support for conservation	Positive
Legal/Policy framework	Positive
Advocacy	Not applicable
Institutional coordination	Positive
Security	Very positive
Gender equality	Positive
Provision of ecosystem services/ benefits to local communities	Positive
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	Positive
Fostering inclusive local economic development and enhancing livelihood	Positive
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	No impact
Other	Not applicable
If 'Other', please specify	

### 13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

## 14. Good Practice in the Implementation of the World Heritage Convention

### 14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

One of the conservation interventions carried out in Sewell's buildings was the restoration of the "Teniente Club", which was used by the American company Braden Copper Co. This building stands out from the rest because of its unique design and the quality of its interior finish. The reasons for its rescue were: its severe deterioration, its high heritage value and its potential for community use once restored.

### 14.2 - Define which topics are covered by this example of best practice at the property level

Synergies
State of Conservation
Management
Capacity Building

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

#### 15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The World Heritage Convention
The concept of Outstanding Universal Value
The property's Outstanding Universal Value
The concept of Integrity and/or Authenticity
The property's Integrity and/or Authenticity
Management effectiveness to maintain the Outstanding Universal Value

#### 15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Good
Site Managers	Good
UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

## 15.2. Use of Data

### 15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage
Update of management plans
Fundraising

### 15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

## 15.3. Timing and resources

### 15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage
Site Manager/Coordinator World Heritage property staff

### 15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance has **not been explicitly** considered or implemented in the process.

### 15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

No

### 15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

6 / 4 / 50 /
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### 15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources		✗
15.3.5.2	Financial resources for organizing consultation meetings/ training		✗

## 15.4. Format and content of the Periodic Report

### 15.4.1 - How accessible was the information required to complete this questionnaire?

**Most** required information was accessible.

### 15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire		✗		
15.4.2.2	Clarity of questions		✗		

### 15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

The questionnaire in the native language it will be more accesible for the site manager. Suggested improvements: 1) the saving system, to avoid loss of data, especially in chapters 11 and 12; 2) the export options, so that there is no loss of data in the process; 3) the type of file to which it is exported, which should be Word 2010 and up, not a Word web page, which causes problems when working with it.

## 15.5. Training and Guidance

### 15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable



IUCN national/regional	Not applicable
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**15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities**

UNESCO World Heritage Centre	Poor
State Party Representative (national Focal Point)	Good
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	Not applicable
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

**15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?**

Yes

**15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?**

15.6. Actions that will require formal consideration by the World Heritage Committee

**15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee**

- **Map(s)**

Reason for update: The cartographic and geographic information of the Sewell Mining Town World Heritage property has been recently provided to the Nominations Unit of the World Heritage Centre and will be presented to the World Heritage Committee at its 45th session for approval in Document 8D.

Changes to these items will need to go through the proper processes.

**15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise**

**15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise**

This report was prepared by the Sewell Foundation and National Centre for World Heritage Sites, highlighting as a positive aspect the updated information about the declaration and self-evaluation of its own management. A negative aspect is the length of the form and the language of publication since its translation may change the real meaning of the information.

**15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.**