CADWALLADER
TREE CONSULTANCY

GORE DISTRICT COUNCIL
Standard Tree Evaluation Method (STEM) Assessment Sheet

Address	**Waikaka School, 22 Matheson Road, Waikaka**	**ID Ref**	**TREE-32**
Tree name	***Sequoiadendron giganteum* (giant redwood) x2**		
Location of tree on the site	**At the front of the school beside the road**		
Legal address	**Section 117 Block XIV Chatton SD & Section 67 Block XIV Chatton SD**		
DP Mapping	**Map marker is incorrectly placed – see map below**		
Date of STEM assessment	**24 June 2020**	Assessed by	Brad Cadwallader

Tree Dimensions – tallest tree below (second tree; H: 31.2m, Canopy: 14 x 15 m, Girth: 941 cm)

Height (m) (Nikon Forestry 550)	Canopy height f.g.l (m)	Canopy Spread (m) A	Canopy Spread (m) B	Girth (cm)
37.4 m	0	17 m	17 m	900 cm

Condition (Health) Evaluation – both trees

Points	3	9	15	21	27	Score
Form	Poor	Moderate	Good	Very Good	**Specimen**	**27**
Occurrence	Predominant	Common	**Infrequent**	Rare	Very Rare	**15**
Vigour & Vitality	Poor	Some	Good	**Very Good**	Excellent	**21**
Function	Minor	Useful	Important	**Significant**	Major	**21**
Age (years)	10+	20+	40+	80+	**100+**	**27**
					Condition Subtotal	**111**

Amenity (Community Benefit) Evaluation

Points	3	9	15	21	27	Score
Stature (m)	3-8m	9 - 14m	15 - 20m	21 - 26m	**27+**	**27**
Visibility (km)	**0.5**	1.0	2.0	4.0	8.0	**3**
Proximity	Forest	Parkland	**Group of 10+**	Group of 3+	Solitary	**15**
Role	Minor	Moderate	Important	**Significant**	Major	**21**
Climate	Minor	**Moderate**	Important	Significant	Major	**9**
					Amenity Subtotal	**75**

Notable Evaluation

Recognition Points	3	9	15	21	27	Score
Stature						
Feature	**Local**	District	Regional	National	International	**3**
Form	**Local**	District	Regional	National	International	**3**
Historic						
Age 100+	**Local**	District	Regional	National	International	**3**
Association	Local	District	Regional	National	International	
Commemoration	Local	District	Regional	National	International	
Remnant	Local	District	Regional	National	International	
Relict	Local	District	Regional	National	International	
Scientific						
Source	Local	District	Regional	National	International	
Rarity	Local	District	Regional	National	International	
Endangered	Local	District	Regional	National	International	
					Notable Subtotal	**9**
					Total Evaluation Points	**195**

Refer to the STEM guidance and advice notes. Further information, or explanatory notes are provided below where necessary.

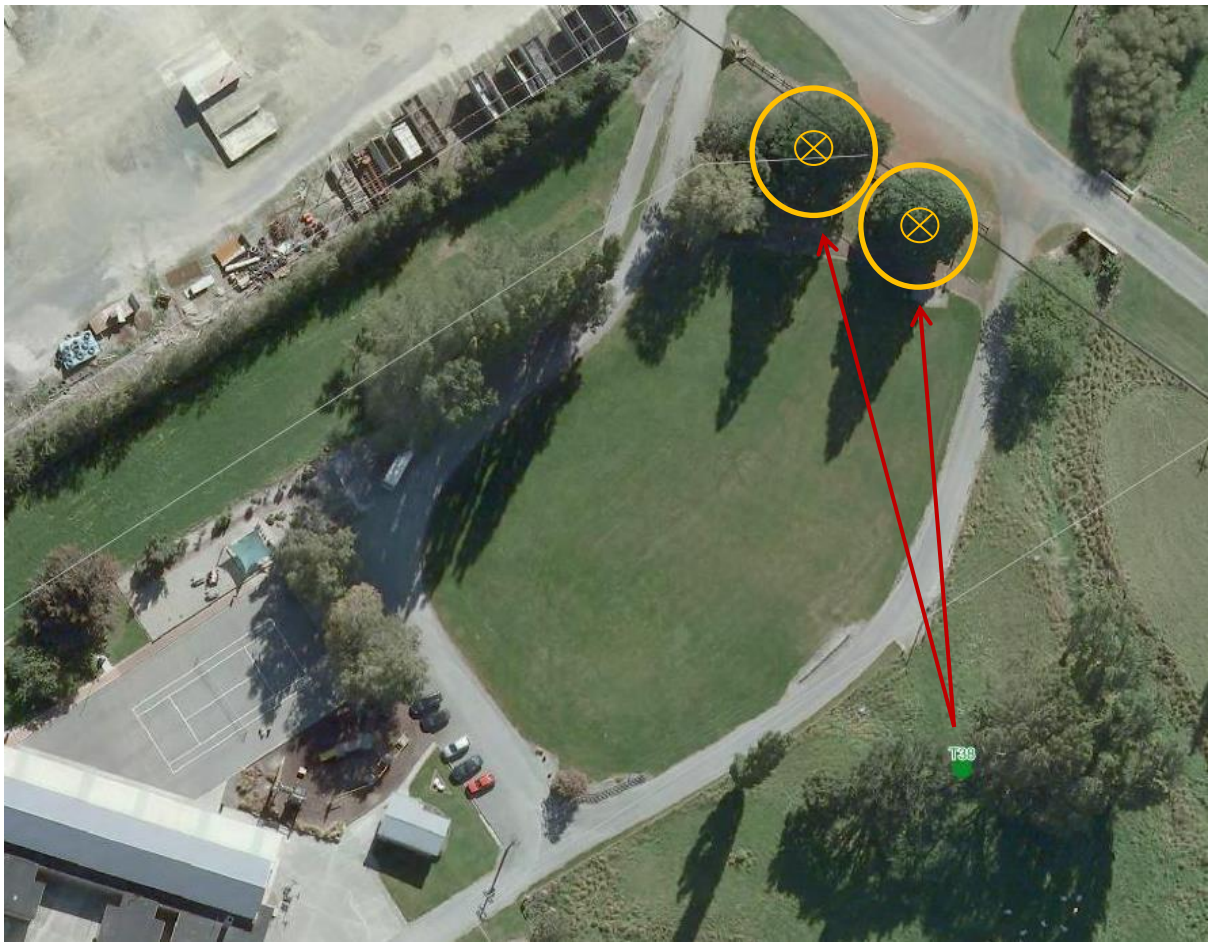
Further Notes/ Recommendations:

- School was established in 1883 but no history of the trees is known

Notability Evaluation notes:

- Trees are very prominent features in the landscape.

TREE LOCATION – T38 Map marker is in wrong location



TREE IMAGES