

Appendix 13 - Outstanding Natural Features And Geological Sites In Whangarei District

A13.1 Vulnerability Rating :

1= Highly vulnerable to destruction or major modification by humans

2= Moderately vulnerable to modification by humans

3= Unlikely to be damaged by humans

Name Of Geological Site Or Landform	Locality	Value	Vulnerability Rating	Importance	Map And Site Number
Abbey Caves And Karst	East of Parahaki	One of the best preserved areas of karst landforms and small caves in Northland	2	Regional	Site No1 Map No12
Glenbervie (Maruata) Volcanic Cones	The centre lies between Maruata Road	A well preserved young volcanic centre with two scoria cones	2	Regional	Site No 2 Map No 12 & 34
Hikurangi Dome	West of Hikurangi Township	Predominant volcanic landform, one of two young dacite domes north of Whangarei	3	Regional	Site No 3 Map No 7 & 28
Hikurangi Shaft Coalmine Relics	Near Wilsonville, west of Hikurangi	Last working coalmine in Hikurangi. Possibly the only coalmine in Northland to be worked from a shaft	2	Regional	Site No 4 Map No 7
Hurupaki Scoria Cone	The centre lies between Three Mile Bush Road and Dip Road	One of three significantly interesting scoria cones	1	Regional	Site No 5 Map No 12
Kamo Hot Springs	North of Kamo	Warm springs with flow rate dependant on rainfall	2	Regional	Site No 6 Map No 12 & 33
Kamo Limestone Pinnacles	On Kamo Springs Flat	Among the best preserved limestone karst pinnacles in Northland.	1	Regional	Site No 7 Map No 12 & 33
Kamo No3 Coal Mine Relics	Eastern outskirts of Kamo	One of the largest producing coalmines in Northland	2	Regional	Site No 8 Map No 12 & 33
Maungakarama Scoria Cone	Lies between O'Carroll Road and Crawford Road.	Well preserved scoria cone that has not been quarried	1	Regional	Site No 9 Map No 14

Name Of Geological Site Or Landform	Locality	Value	Vulnerability Rating	Importance	Map And Site Number
Maungatapere Volcanic Cone	South, south west of Maungatapere Township	An almost perfect steep-sided volcanic cone; Largest and best preserved in Whangarei field.	2	National	Site No 10 Map No 14
Maunu Volcanic Cone	Northeast of Maungatapere Township	Relatively well preserved volcanic cone near Whangarei	1	Regional	Site No 11 Map No 11
Ngararatunua Volcanic Cone	West of Kamo	Distinct scoria cone breached to south	1	Regional	Site No 12 Map No 12
Ngunguru Sandspit	Ngunguru Bay Northeast of Whangarei	An excellent example of an unmodified sand barrier beach and dune field. Significant example of rapidly disappearing coastal feature	2	Regional	Site No 13 Map No 8 & 30
Onemama Point Allochthonous Sediments, Whangarei Harbour	North West from Onemama Point	Excellent exposures documenting earliest allochthon emplacement in this region	3	Regional	Site No 14 Map No 15 & 50
One Tree Point Interglacial Beach And Dune Deposits	One Tree Point and southwest for one kilometre	Only remaining exposed late Pleistocene regressive coastal sand sequence in the area not damaged by protection works	1	National	Site No 15 Map No 16 & 51
Otakairangi Wetland	West of Hikurangi	Quaternary alluvial and swamp deposits in Hikurangi Swamp; Largest remaining area on undrained peat bog on the once extensive Hikurangi floodplain	1	National	Site No 16 Map No 6
Port Whangarei Fossil Beds	Opposite Port Whangarei (old port)	Well exposed Late Pleistocene fossiliferous estuarine deposits	1	National	Site No 17 Map No 12 & 44
Pukepoto Basalt Cone	Adjacent to and north of Ngunguru Road.	A young centre with a breached multivented cone which shows good volcanic landform	1	Regional	Site No 18 Map No 12
Rawhitiroa Scoria Cone	Centre lies between Three Mile Bush Road, Dip Road, and Rotomate Rd	One of three scientifically interesting scoria cones	1	Regional	Site No 19 Map No 12

Part I - Appendix 13 - Outstanding Natural Features And Geological Sites In Whangarei District

Name Of Geological Site Or Landform	Locality	Value	Vulnerability Rating	Importance	Map And Site Number
Reserve Point Nephelinite Flow And Garnet Andesite	Coastal rocks and low cliffs in the south side of Reserve Point east of the tip.	Only known nephelinite flow in northern NZ adjacent to garnet andesite intrusion	2	National	Site No 20 Map No 16
Taurikura Bay Natural Jetty	In foreshore of Taurikura Bay, adjacent to Ody Road.	Best natural jetty formed by a dike in NZ	1	National	Site No 21 Map No 16, 52B, &53
Titoki Natural Bridge	On Waitomotomo Stream. North of Titoki	Best natural bridge formed in lava in NZ	2	National	Site No 22 Map No 10
Waro Coalmine Relics	Near roadside halfway between Hikurangi and Waro.	Some of the best preserved coalmining relics in Northland	2	Regional	Site No 23 Map No 7 & 28
Waro Limestone Karst	North side of Hikurangi	Excellent example of Karst pinnacles close to Highway	2	Regional	Site No 24 Map No 7 & 28
Whatitiri Shield Volcano	West south west of Maungatapere Township	Only example of a large, almost concentric shield volcano with gentle slopes in Northland. Best example in NZ of a small shield volcano	2	National	Site No 25 Map No 11

Revision and Sign-off Sheet

Changed Record

Date Approved	Author	Paragraph	Changed Reference	Decision Date
9 February 2009	FP	Table	Otaikarangi Wetland – Addition of <u>National</u> Importance	Clause 20A 4/2/09 doc 09/7769

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