

## **Appendix A NIWA archive sediment samples**

NIWA archive sediment samples from the North and South Taranaki bights.

STATION NO.	LAT_START dec deg	LONG_START dec deg	DATE_START	DEPTH m	CORE/GRAB	DESCRIPTION	GRAINSIZE	MAGNETITE %	DARK_ MINERALS %	OTHER
A431	-39.770000	173.716705	Thu, 2 Oct 1958	77	G	Muddy sand, very shelly	Mud_S			
A432	-39.883301	173.716705	Thu, 2 Oct 1958	104	G	Muddy sand, very shelly	Mud_S			
A433	-40.000000	173.666702	Thu, 2 Oct 1958	110	G	Muddy sand, with goldern quartz and abundant shell	Mud_S			
A434	-40.283298	174.083298	Thu, 2 Oct 1958	91	C	96 cm, sandy mud	Mud_S			
B648	-40.000000	173.866699	Mon, 22 Oct 1962	97	G	Muddy, very coarse, shelly sand/gravelly sand	GS			
B649	-40.016701	174.341705	Mon, 22 Oct 1962	66	G	Muddy coarse shelly gravel	G			
B650	-40.000000	174.716705	Mon, 22 Oct 1962	42	G	Very course shelly sand	MS			
B651	-40.008301	174.949997	Mon, 22 Oct 1962	23	G	Medium grey sand and shell	MS			
B819	-39.750000	173.833298	Tue, 19 Mar 1963	77	G	Dark grey fine sand	FS			
B824	-40.041698	173.800003	Wed, 20 Mar 1963	101	G	Shelly sandy mud	Mud_S			
C175	-39.666698	173.733307	Fri, 4 Sep 1959	84	G	Fine sandy mud	S_Mud			
C176	-39.666698	173.949997	Sat, 5 Sep 1959	0	G	Shelly fragments, pebbles and black mud	G			
C177	-39.666698	174.166702	Sat, 5 Sep 1959	24	G	Medium/fine grey sand with volcanic gravel	GS			
C178	-39.666698	174.283295	Sat, 5 Sep 1959	0	G	Fine grey sand	FS			
C179	-39.833302	174.383301	Sat, 5 Sep 1959	24	G	Course shelly black sand with volcanic pebbles	GS			
C180	-39.816700	174.483307	Sat, 5 Sep 1959	22	G	Fine sand, course shelly ans pebbles, glauconite present	GS			
C181	-39.833302	174.166702	Sat, 5 Sep 1959	22	G	Shelly fine sand with volcanic pebbles	GS			
C182	-39.833302	173.949997	Sat, 5 Sep 1959	55	G	Fine sand	FS			
C183	-39.833302	173.733307	Sat, 5 Sep 1959	95	G	Muddy fine grey sand	Mud_FS			
C433	-39.666698	173.725006	Sat, 7 May 1960	68	G	Silty fine grey sand with shells	Mud_FS			
C438	-40.000000	173.608307	Sat, 7 May 1960	84	G	Shelly silty sand with shells	Mud_S			
C439	-40.000000	173.816696	Sat, 7 May 1960	88	G	Shelly sandy silt	Mud_S			
C440	-40.000000	174.033295	Sat, 7 May 1960	51	G	Course shelly sand	GS			
C441	-40.000000	174.291702	Sat, 7 May 1960	42	G	Gravelly ironsand with shells	GS			
C442	-40.000000	174.458298	Sat, 7 May 1960	55	G	Well sorted sandy, shelly gravel	SG			
C443	-40.000000	174.633301	Sat, 7 May 1960	49	G	Well sorted sandy shelly ironsand	GS	0.3		
C444	-40.000000	174.679993	Sun, 8 May 1960	38	G	Fine grey ironsand with shell fragments	FS	1.4		
C445	-40.000000	174.725006	Sun, 8 May 1960	31	G	Medium sand, dark grey, broken shell and pebbles	MS	3.1		
C446	-40.000000	174.766693	Sun, 8 May 1960	29	G	Medium ironsand and broken shells	MS	2.4		
C447	-40.000000	174.816696	Sun, 8 May 1960	29	G	Fine grey ironsand with shells	FS	3.1		
C448	-40.000000	174.856705	Sun, 8 May 1960	31	G	Fine grey sand with broken shell	FS	1.8		
C449	-40.000000	174.899994	Sun, 8 May 1960	29	G	Fine grey ironsand and broken shells	FS	4.2		
C450	-40.000000	174.949997	Sun, 8 May 1960	27	G	Sandy gravel grey ironsand with broken shell	SG	1.3		
C451	-40.000000	174.966705	Sun, 8 May 1960	26	G	Sandy gravel grey ironsand with broken shell and pebbles	SG	1.4		
C452	-40.000000	175.000000	Sun, 8 May 1960	22	G	Silty ironsand	Mud_S	1		
C453	-40.000000	175.016693	Sun, 8 May 1960	22	G	Fine grey ironsand and broken shells	FS	1.7		
C454	-39.666698	174.263306	Sun, 8 May 1960	24	G	Fine ironsand, pebbles and broken shell	FS			
C455	-39.666698	174.216705	Sun, 8 May 1960	26	G	Fine ironsand, pebbles and broken shell	FS			
C456	-39.666698	174.175003	Sun, 8 May 1960	26	G	Medium ironsand and broken shells	MS			
C457	-39.666698	174.133301	Sun, 8 May 1960	22	G	Medium/coarse ironsand	MS			
C458	-39.666667	174.086666	Sun, 8 May 1960	24	G	Gravelly ironsand with shells	GS			
C459	-39.666698	174.043304	Sun, 8 May 1960	29	G	Medium/Fine ironsand	MS			
C460	-39.666698	174.000000	Sun, 8 May 1960	33	G	Fine ironsand with shell fragments	FS			
C461	-39.666698	173.953293	Sun, 8 May 1960	44	G	Fine ironsand with shell fragments	FS			
C462	-39.666698	173.908295	Sun, 8 May 1960	48	G	Fine ironsand with shell fragments	FS			
E491	-39.663300	174.166702	Tue, 23 Nov 1965	22	G	Coarse black sand and shell	CS			
E492	-39.636700	174.213303	Tue, 23 Nov 1965	22	G	Dark grey muddy sand and shell	Mud_S			
E493	-39.816700	174.483307	Tue, 23 Nov 1965	22	G	Dark muddy sand	Mud_S			
H123	-39.849999	173.766693	Mon, 27 Apr 1970	83	G	Coarse shell with muddy sand overlying	MS			
H124	-40.000000	174.000000	Mon, 27 Apr 1970	80	C	2.5 m core shelly with muddy sand overlying	Mud_S			Radiocarbon 155-169cm - 10,000+/-250 yrs
H125	-39.889999	174.716705	Tue, 28 Apr 1970	26	G	Very coarse shelly sand and pebbles	GS			
H126	-39.883301	174.696701	Tue, 28 Apr 1970	24	C	68 cm Very coarse shelly sand overlying mudstone	GS			
H127	-39.875000	174.683304	Tue, 28 Apr 1970	20	C	2.3 m muddy sand overlying dark grey muddy sand and shell	Mud_S			
H128	-39.869833	174.666667	Tue, 28 Apr 1970	20	G	Dark grey fine sand	FS			
H129	-39.883301	174.695007	Tue, 28 Apr 1970	16	C	2.24 m Coarse shell sand	GS			
H585	-40.296700	175.223297	Tue, 22 Jan 1974	0	G	Dark sand and pebbles	GS			
H587	-39.591702	174.238297	Wed, 23 Jan 1974	0	G	Coarse light sand at the shore and fine dark sand at the top of beach				
H588	-39.773300	174.488297	Wed, 23 Jan 1974	0	G	Beach sand				
H589	-39.834999	174.725006	Thu, 24 Jan 1974	0	G	Beach sand				
H590	-39.868301	174.746704	Thu, 24 Jan 1974	0	G	Beach sand				
H591	-39.889999	174.899994	Thu, 24 Jan 1974	0	G	Beach sand				
H592	-39.936699	174.971695	Thu, 24 Jan 1974	0	G	Beach sand				
H593	-39.921700	175.053295	Thu, 24 Jan 1974	0	G	Beach sand				

H594	-40.080002	175.138306	Thu, 24 Jan 1974	0	G	Beach sand					
H690	-39.898300	174.836700	Sun, 6 Apr 1975	17	G	Fine grey sand	FS				4
H691	-39.919998	174.836700	Sun, 6 Apr 1975	21	G	Shelly sand	GS				5
H692	-39.942501	174.835007	Sun, 6 Apr 1975	24	G	Coarse sand	MS				9
H693	-39.986698	174.833298	Sun, 6 Apr 1975	32	G	Shelly sand	MS				20
H694	-40.020000	174.830002	Sun, 6 Apr 1975	37	G	Medium coarse shelly sand	MS				36
H695	-40.073299	174.786697	Sun, 6 Apr 1975	47	G	Shelly medium sand and pebbles	GS				12
H696	-40.113300	174.758301	Sun, 6 Apr 1975	66	G	Shelly muddy sand	GS				12
H697	-40.158298	174.731705	Sun, 6 Apr 1975	80	G	Shelly sandy mud	MS				27
H698	-40.066700	174.931702	Sun, 6 Apr 1975	44	G	Medium coarse shelly sand and volcanic pebbles (collected from a trough)	GS				32
H699	-40.068298	174.938293	Sun, 6 Apr 1975	40	G	Medium black sand	MS				77
H700	-40.048302	175.031693	Sun, 6 Apr 1975	23	G	Shelly medium sand and pebbles	GS				45
H701	-40.123299	175.031693	Sun, 6 Apr 1975	0	G	Medium olive sand	CS				64
H702	-40.283298	175.000000	Sun, 6 Apr 1975	81	G	Olive grey sandy mud	S_Mud				
H713	-40.285000	175.039993	Mon, 7 Apr 1975	71	G	Olive grey sandy mud	S_Mud				
H714	-40.278301	175.103302	Mon, 7 Apr 1975	51	G	Olive grey mud	Mud				
H726	-40.286701	175.196701	Mon, 7 Apr 1975	22	G	Well sorted dark sand	MS				
I938	-39.586667	173.885000	Sun, 27 Sep 1987	50	G	Fine sand	FS				
I940	-39.706667	173.783333	Mon, 28 Sep 1987	77	G	Well sorted fine sand	FS				
I941	-39.655000	173.811667	Mon, 28 Sep 1987	67	G	Well sorted fine sand	FS				
I942	-39.620000	173.841667	Mon, 28 Sep 1987	57	G	Well sorted medium/fine sand	MS				
J337	-39.866699	174.116699	Sun, 24 Jun 1973	19	G	Shelly gravel overlying sandstone	G				
J339	-39.866699	174.583298	Sun, 24 Jun 1973	20	G	Shelly gravel and pebbles	GS				20
J340	-39.893299	174.483307	Sun, 24 Jun 1973	23	G	Ironsand and pebbles	G				
J341	-39.990002	174.500000	Sun, 24 Jun 1973	45	G	Shell gravel	G				
J342	-40.025000	174.583298	Sun, 24 Jun 1973	51	G	Shell gravel	G				
J343	-39.950001	174.661697	Sun, 24 Jun 1973	55	G	Medium/fine olive sand with shells	MS				
J344	-39.898300	174.718307	Sun, 24 Jun 1973	27	G	Medium/fine olive brown sand overlying fine dark grey sand	MS				
J345	-39.918301	174.751694	Sun, 24 Jun 1973	25	G	Olive medium sand and pebbles	MS				
J346	-39.958302	174.908295	Sun, 24 Jun 1973	20	G	Medium/coarse olive brown sand and shell	MS				
J347	-40.029999	174.808304	Sun, 24 Jun 1973	36	G	Coarse brown sand and shell	GS				
J348	-40.033298	174.911697	Sun, 24 Jun 1973	33	G	Medium/fine sand and shells	MS				
J349	-40.083302	174.941696	Sun, 24 Jun 1973	40	G	Fine black sand with moderate sorting and shell	FS				
J350	-40.083302	174.941696	Sun, 24 Jun 1973	39	G	Fine sand and shells	FS				
K768	-40.115002	174.590195	Sat, 20 Oct 1973	0	G	Grey sand and shells	GS				4
K769	-40.060001	174.690002	Sat, 20 Oct 1973	0	G	Grey sand and shells	GS				5
K770	-40.066700	174.866699	Sat, 20 Oct 1973	0	G	Black sand and shells	GS				60
K771	-40.066700	174.866699	Sat, 20 Oct 1973	41	G	Grey sand and shells	GS				10
K772	-40.071701	175.033295	Sat, 20 Oct 1973	25	G	Coarse grey sand, shells and pebbles	GS				20
K773	-40.070000	175.083298	Sat, 20 Oct 1973	18	G	Black sandy mud, ironsand	MS				8
K774	-40.116699	175.116699	Sat, 20 Oct 1973	0	G	Black ironsand	MS				90
K775	-40.166698	175.154999	Sat, 20 Oct 1973	12	G	Black muddy sand	Mud_S				7
K776	-40.171700	175.100006	Sat, 20 Oct 1973	38	G	Olive grey fine sand	FS				8
K777	-40.166698	174.933304	Sat, 20 Oct 1973	49	G	Olive muddy sand with shells	GS				7
K778	-40.163300	174.921707	Sat, 20 Oct 1973	55	G	Shelly sandy mud	GS				3
K779	-40.169998	174.698303	Sat, 20 Oct 1973	64	G	Gritty green muddy sand	GS				2
K780	-40.169998	174.666702	Sat, 20 Oct 1973	84	G	Gritty shelly brown sandy mud	GS				2
K781	-40.174999	174.511703	Sat, 20 Oct 1973	81	G	Gritty shelly brown sandy mud	GS				1
K787	-40.258301	175.039993	Mon, 22 Oct 1973	69	G	Shelly muddy sand	G_Mud				
K788	-40.220001	175.071701	Mon, 22 Oct 1973	59	G	Muddy sand	G_Mud				
K789	-40.256699	175.149994	Mon, 22 Oct 1973	38	G	Dark mud	Mud				
K790	-40.250000	175.186707	Mon, 22 Oct 1973	20	G	Dark fine sand	FS				
K791	-40.301701	175.199997	Mon, 22 Oct 1973	20	G	Grey sand					
K962	-40.058300	174.953293	Fri, 17 Sep 1976	27	C	2 m well sorted dark sand and shell from crest of dune	MS				
K963	-40.066700	174.953293	Fri, 17 Sep 1976	38	C	1 m sand coarse shelly base, stiff mud, trough of dune					
K964	-39.910000	174.865005	Sat, 18 Sep 1976	19	G						
K965	-40.029999	174.816696	Sat, 18 Sep 1976	36	C	2.5 m Coarse sand with pebbles and shells	GS				
K966	-40.098301	174.783295	Sat, 18 Sep 1976	54	G	Shelly coarse sand	GS				
N260	-40.020000	174.820007	Sat, 21 Sep 1974	60	G	Fine olive sand and shells	FS				12
N262	-39.969200	174.979202	Sat, 21 Sep 1974	12	G	Grey black silt/clay (Ash)	Mud				2
N263	-39.986698	174.966705	Sat, 21 Sep 1974	18	G	Medium sand, dark grey and shells	MS				15
N264	-40.001701	174.959198	Sat, 21 Sep 1974	20	G	Iron stained gravel and sand	GS				65
N265	-40.009201	174.937500	Sat, 21 Sep 1974	24	G	Fine well sorted dark grey sand	FS				15
N266	-40.013302	174.918304	Sat, 21 Sep 1974	27	G	Olive grey well sorted fine sand	FS				10
N267	-40.020000	174.896698	Sat, 21 Sep 1974	29	G	Gravelly sand and shells	FS				5

N268	-40.099998	174.896698	Sat, 21 Sep 1974	50	G	Fine sand with shell	FS			
N286	-39.606701	173.673294	Wed, 25 Sep 1974	90	G	Dark greenish grey mud	S_Mud			
N290	-39.806702	173.643295	Thu, 26 Sep 1974	91	G	Greenish grey shelly muddy sand	Mud_S			
N291	-39.703300	173.876694	Thu, 26 Sep 1974	57	G	Dark grey well sorted fine sand	FS			
N292	-39.759998	173.695007	Thu, 26 Sep 1974	98	C	2.35 m muddy sand and shells	Mud_S			
N300	-39.603298	174.161697	Fri, 27 Sep 1974	17	G	Coarse sand and gravel	GS			
N301	-39.633301	174.095001	Fri, 27 Sep 1974	24	G	Dark greenish grey well sorted fine sand	FS			
N302	-39.651699	174.033295	Fri, 27 Sep 1974	34	G	Dark greenish grey well sorted fine sand	FS			
N305	-40.121700	174.921707	Sun, 29 Sep 1974	44	G	Sandy gravel and shells	GS			
N306	-40.110001	174.901703	Sun, 29 Sep 1974	49	G	Shelly coarse sand and pebbles	MS			28
N307	-40.096699	174.886703	Sun, 29 Sep 1974	43	G	5Y5/2 - light olive grey, shelly medium sand	MS			28
N308	-40.086700	174.869995	Sun, 29 Sep 1974	46	G	5Y5/2 - light olive grey, shelly gravelly sand	MS			15
N309	-40.076698	174.853302	Sun, 29 Sep 1974	44	G	Medium sand and shells	MS			8
N310	-40.056702	174.841705	Sun, 29 Sep 1974	40	G	Coarse sandy shelly gravel	GS			35
N311	-40.040001	174.824997	Sun, 29 Sep 1974	36	G	Dark black sandy fine sand	FS			45
N312	-40.020000	174.806702	Sun, 29 Sep 1974	34	G	5GY3/2 - Greyish olive green, fine sand	FS			12
N313	-39.713299	174.326708	Mon, 30 Sep 1974	22	G	Greenish grey fine sand	FS			
N314	-39.736698	174.256695	Mon, 30 Sep 1974	29	G	Dark olive grey shelly sand	FS			
N315	-39.766701	174.169998	Mon, 30 Sep 1974	31	G	Light olive grey shelly gravelly sand	GS			
N316	-39.798302	174.096695	Mon, 30 Sep 1974	40	G	Light olive grey fine sand	FS			
N317	-39.830002	173.994995	Mon, 30 Sep 1974	55	G	Light olive grey fine sand	FS			
N318	-39.869999	173.884995	Mon, 30 Sep 1974	77	G	Greyish olive shelly fine sandy mud	Mud_FS			
N319	-39.904999	173.766693	Mon, 30 Sep 1974	90	G	Dark greenish grey muddy shelly sand	Mud_FS			
N320	-39.911701	173.711700	Mon, 30 Sep 1974	102	C	2.4 m mud over sand, over shelly gravel	S_Mud			
N321	-39.926701	173.598297	Mon, 30 Sep 1974	78	G	Dark greenish grey muddy fine sand	S_Mud			
N323	-40.099998	173.706696	Mon, 30 Sep 1974	86	G	Surface shells overlying mud	S_Mud			
N324	-40.053299	173.756699	Mon, 30 Sep 1974	104	C	1.3 m with shells at base of core				Radiocarbon 140-145 cm - 11250+/-290 yrs
N325	-39.980000	173.893295	Mon, 30 Sep 1974	99	G	Yellow green sandy mud	S_Mud			
N326	-39.959999	174.013306	Mon, 30 Sep 1974	83	G	Light olive grey muddy sand	Mud_S			
N327	-39.956699	174.115005	Mon, 30 Sep 1974	54	G	Dark grey sandy shelly gravel	GS			
N328	-39.919998	174.229996	Mon, 30 Sep 1974	34	G	Coarse sand and shell	GS			
N329	-39.875000	174.328293	Mon, 30 Sep 1974	29	G	Greyish black coarse sandy and shell	GS			
N330	-39.825001	174.494995	Tue, 1 Oct 1974	23	G	Dark medium sand, pebbles and gravel over mudstone	MS			
N331	-39.656700	174.208298	Tue, 1 Oct 1974	23	G	Well sorted fine sand	FS			
N552	-40.243301	174.916702	Wed, 28 May 1975	77	G	5GY4/1 - Greyish olive green muddy fine sand with shells and pebbles	FS			
N553	-40.250000	174.750000	Thu, 29 May 1975	87	G	Shelly sandy mud and broken shell with some dark grains	S_Mud			
N554	-40.248299	174.586700	Thu, 29 May 1975	98	G	Shelly sandy mud	S_Mud			
N555	-40.250000	174.406693	Thu, 29 May 1975	93	G	Light coloured shelly muddy sand	Mud_S			
N556	-40.241699	174.246704	Thu, 29 May 1975	96	G	Muddy shelly sand and gravel	S_Mud			
N558	-40.158298	174.171707	Thu, 29 May 1975	90	G	5GY4/1 - Greyish olive green muddy shelly sand	Mud_S			
N559	-40.168301	173.998306	Thu, 29 May 1975	109	G	5Y5/2 - Light olive grey muddy shelly fine sand	FS			
N560	-40.169998	173.836700	Thu, 29 May 1975	102	G	5GY4/1 - Greyish olive green muddy shelly fine sand	FS			
P178	-40.193298	173.833298	Sun, 11 Sep 1977	105	G	Orange brown shelly sandy mud overlying dark mud	S_Mud			
P608	-40.009998	173.931702	Tue, 4 Jul 1978	85	G	Very muddy shelly hash	G_Mud			Radiocarbon surface - 560+/-160 yrs
P609	-40.009998	174.076706	Fri, 14 Jul 1978	75	G	Very muddy shelly hash	G_Mud			
P610	-39.993301	174.250000	Tue, 4 Jul 1978	43	G	Slightly shelly medium coarse ironsand	MS			
P611	-39.986698	174.433304	Tue, 4 Jul 1978	54	G	Sandy very coarse skeletal hash	GS			
P612	-40.009998	174.588303	Tue, 4 Jul 1978	49	G	Very coarse skeletal hash	GS			
P613	-40.180000	174.761703	Tue, 4 Jul 1978	78	G	Very shelly terrigenous mud	G_Mud			Radiocarbon surface - 860+/-180 yrs
P614	-40.173302	174.583298	Tue, 4 Jul 1978	90	G	Very shelly terrigenous mud	G_Mud			
S1141	-39.688167	174.232000	Wed, 7 Nov 2001	15	G	Fine well sorted ironsand and shell fragments	FS			
S1142	-39.757333	174.361500	Fri, 7 Nov 1997	17	C	28 cm poorly sorted gravelly shell hash and black ironsand	GS			
S1143	-39.783667	174.392033	Sat, 8 Nov 1997	15	G	Large indurated heavily bored and encrusted mudstone and poorly sorted shell hash				
S1144	-39.814650	174.465400	Sat, 8 Nov 1997	17	C	16 cm poorly sorted shelly gravelly sand overlying well sorted grey sand with volcanic pebbles	GS			
S1145	-39.845717	174.557333	Sat, 8 Nov 1997	17	C	20 cm silty sand and shell	Mud_S			
S1147	-39.870667	174.636500	Sat, 8 Nov 1997	17	G	small sample of volcanic pebbles	G			
S1148	-39.904400	174.740850	Sat, 8 Nov 1997	18	G	25 cm sandy shelly mudstone, black ironsand	R			
S1149	-39.925500	174.808483	Sat, 8 Nov 1997	16	G	shelly black ironsand	FS			
S1150	-39.933733	174.834367	Sat, 8 Nov 1997	15	G	Sticky mudstone overlain by fine well sorted black ironsand	FS			
S1151	-39.963833	174.933650	Sat, 8 Nov 1997	12	G	Small volcanic pebbles	G			
S1152	-39.941050	174.618233	Sat, 8 Nov 1997	25	C	30-35cm of coarse medium sandy shell hash with a few volcanic pebbles	GS			
S1153	-39.928133	174.571383	Sat, 8 Nov 1997	24	C	70 cm firm mudstone with shells	R			
S1154	-39.918383	174.538050	Sat, 8 Nov 1997	24	C	45 cm mudstone and shell	R			
S1155	-39.923600	174.558266	Sat, 8 Nov 1997	29	G	Mudstone and pebbles	R			
S1156	-39.832283	174.391133	Sat, 8 Nov 1997	18	C	30 cm sandy grey mudstone underlying poorly sorted shelly gravelly black ironsand and volcanic pebbles	GS			
S1157	-39.791750	174.347233	Sat, 8 Nov 1997	18	C	38 cm sandy grey mudstone underlying poorly sorted shelly gravelly black ironsand and pebbles	GS			

S1158	-39.748817	174.298967	Sat, 8 Nov 1997	21	C	45 cm sandy grey mudstone underlying poorly sorted shelly gravelly black ironsand and pebbles	GS			
S1159	-39.735250	174.007116	Sat, 8 Nov 1997	36	C	55 cm with 30 cm thick brown mudstone underlying fine medium sand and capped by 25 cm poorly sorted shelly black sand.	GS			
S1160	-39.821850	174.175750	Sat, 8 Nov 1997	22	G	Moderately well sorted fine/medium black ironsand with occasional shell fragments	MS			
S1161	-39.859100	174.218283	Sat, 8 Nov 1997	25	G	Moderately well sorted fine/medium black ironsand with occasional shell fragments	MS			
S1162	-39.887117	174.171483	Sat, 8 Nov 1997	12	G	Moderately well sorted fine/medium black ironsand with occasional shell fragments	MS			
S1163	-39.942300	174.309067	Sat, 8 Nov 1997	38	C	30 cm poorly sorted shelly fine/medium grey sand with shell fragments	MS			
S1164	-39.977633	174.272600	Sat, 8 Nov 1997	37	C	15 cm fine/medium moderately sorted black sand with shells on the surface	MS			
S1165	-40.146667	174.308333	Sat, 8 Nov 1997	82	C	1.2 m core of gravelly shelly mudstone	R			
S1166	-40.074717	174.428117	Sun, 9 Nov 1997	70	C	1.2 m soft mud with harder sand at base	Mud			
S1167	-39.964017	174.464667	Sun, 9 Nov 1997	38	C	20 cm of mud overlying shelly gravels at base	Mud			
S1168	-39.977167	174.512166	Sun, 9 Nov 1997	34	G	Coarse shell debris and medium sand	GS			
S1169	-40.103467	174.540517	Sun, 9 Nov 1997	71	C	90 cm silty mud with shelly medium sand	Mud_S			
S1170	-40.162350	174.595867	Sun, 9 Nov 1997	80	C	1.4 m mud	Mud			
S1171	-40.149333	174.716000	Sun, 9 Nov 1997	72	C	60 cm sandy mud and shell debris	S_Mud			
S1172	-40.165167	174.981083	Sun, 9 Nov 1997	50	C	50 cm coarse sand	CS			
S1173	-40.123167	175.046633	Sun, 9 Nov 1997	30	C	40 cm poorly sorted coarse/fine shell hash	CS			
S1174	-40.121317	175.047583	Sun, 9 Nov 1997	30	C	30 cm poorly sorted coarse/fine shell hash	CS			
S1175	-40.239733	175.068516	Sun, 9 Nov 1997	56	C	40 cm sandy mud with fine grained shandy shell hash	S_Mud			
S1176	-40.258883	175.143283	Sun, 9 Nov 1997	36	C	40 cm				
S1177	-40.211166	175.160450	Sun, 9 Nov 1997	22	C	20 cm fine black ironsand	FS			
S1178	-40.303316	175.146966	Sun, 9 Nov 1997	40	C	10 cm well sorted fine/medium grey sand overlying thick shelly pebble layer	FS			
S974	-40.088299	174.971695	Wed, 24 Jun 1992	36	C	1 m				
S976	-40.088299	174.958298	Wed, 24 Jun 1992	34	C					
S977	-40.130001	174.934998	Fri, 26 Jun 1992	39	C	1.2 m core				
U663	-39.825802	173.835007	Sat, 4 Nov 1989	71	G	Shelly sand				
U666	-39.673302	173.630005	Wed, 8 Nov 1989	103	C	1.91 m mud overlying sand, shelly sand, silty sand and shelly sand.	S_Mud			Radiocarbon 82-88 cm - 10,700+/-100 years, 184-189 cm - 11,000+/-90 years
U676	-39.920502	173.689301	Fri, 10 Nov 1989	104	C	2.39 m dark grey green sandy mud, becoming increasingly sandy below 1.75 m	S_Mud			
U677	-39.945801	173.611694	Fri, 10 Nov 1989	75	C	86.5 cm grey green mud over well sorted grey fine sand with shelly gravel at base	Mud			
U678	-40.099998	173.876694	Fri, 10 Nov 1989	98	G	Gravelly sandy mud	G_Mud			
U679	-40.162498	174.163300	Fri, 10 Nov 1989	87	G	Shelly gravelly sandy mud	G_Mud			
V396	-40.306702	174.750000	Thu, 4 Jul 1991	93	C	1.5 m				
V397	-39.921200	174.373306	Fri, 5 Jul 1991	25	G	Mafic coarse sand	CS			
V398	-39.880001	174.371704	Fri, 5 Jul 1991	33	G	Coarse black sand	CS			
W100	-39.791698	174.250000	Tue, 2 Oct 1990	19	G	Well sorted black fine ironsand and shell	FS			
W101	-39.791698	174.225006	Tue, 2 Oct 1990	24	G		FS			
W104	-39.775002	174.168304	Tue, 2 Oct 1990	26	G	Moderately well sorted shelly ironsand	MS			
W105	-39.791698	174.138306	Tue, 2 Oct 1990	17	G					
W108	-39.748299	174.151703	Tue, 2 Oct 1990	21	G	dark grey/black well sorted ironsand and shell	MS			
W109	-39.708302	174.166702	Tue, 2 Oct 1990	19	G					
W111	-39.749699	174.068298	Tue, 2 Oct 1990	34	G	Gravelly shelly black sand	GS			
W113	-40.116699	174.500000	Wed, 3 Oct 1990	76	G	Greenish grey sandy mud and shell	S_Mud			
W116	-40.150002	174.300003	Wed, 3 Oct 1990	86	G	Greenish grey muddy sand and shell	Mud			
W117	-40.133301	174.268295	Wed, 3 Oct 1990	79	G	Sandy mud	S_Mud			
W118	-40.141701	174.141693	Wed, 3 Oct 1990	84	G	Sandy shelly mud	S_Mud			
W121	-40.031700	174.098297	Wed, 3 Oct 1990	72	G	Shelly sand	GS			
W123	-39.931702	173.918304	Wed, 3 Oct 1990	81	G		GS_Mud			
W28	-40.083302	173.916702	Sun, 4 Mar 1990	95	G	Olive green well sorted fine sand and bioclasts	FS			
W29	-39.650002	174.166702	Sun, 11 Mar 1990	15	G	Black well sorted fine ironsand and shell fragments	FS			
W30	-39.748699	174.250000	Sun, 11 Mar 1990	35	G	Poorly sorted shelly sand, black and red grains	CS			
W31	-39.750702	174.250000	Sun, 11 Mar 1990	19	G	Medium/fine ironsand and shells	MS			
W32	-39.751701	174.336700	Mon, 12 Mar 1990	20	G	Well sorted grey sand and shell	MS			
W33	-39.750000	174.363297	Mon, 12 Mar 1990	22	G	Poorly sorted, very shelly black sand	GS			
W34	-39.833302	174.333298	Mon, 12 Mar 1990	20	G	Very poorly sorted shelly coarse/medium gravel and ironsand	GS			
W35	-39.828300	174.303295	Mon, 12 Mar 1990	24	G	Poorly sorted medium/coarse ironsand with shell and pebbles	GS			
W67	-40.183300	174.633301	Thu, 27 Sep 1990	84	G	Shelly sand at the base of the core				
W68	-40.183300	174.771698	Thu, 27 Sep 1990	70	G	Grey green muddy sand, shells and pebbles	Mud_S			Radiocarbon 75-81 cm - 8640+/-300 yrs
W69	-40.041698	174.766693	Thu, 27 Sep 1990	41	G	Grey brown muddy shelly sand	Mud_S			
W70	-39.968300	174.873306	Thu, 27 Sep 1990	20	G	Medium/coarse sand with shells and pebbles	GS			
W71	-39.983299	174.600006	Thu, 27 Sep 1990	41	G	Shell hash coarse sand and pebbles	GS			Radiocarbon surface - 540+/-80 yrs
W72	-39.950001	174.383301	Thu, 27 Sep 1990	46	G	Grey sand and shell hash				
W73	-40.067001	174.401001	Thu, 27 Sep 1990	72	G	Greenish shelly sandy mud	S_Mud			
W74	-40.166698	174.433304	Fri, 28 Sep 1990	80	G	Grey green sandy mud and shells	S_Mud			
W76	-40.183300	174.216705	Fri, 28 Sep 1990	87	G	Grey green sandy mud	S_Mud			
W78	-40.181702	173.933304	Fri, 28 Sep 1990	103	G	Greenish grey very sandy mud and shell	S_Mud			Radiocarbon surface - 3890+/-240 yrs
W79	-40.083302	174.058304	Fri, 28 Sep 1990	82	G	Greenish grey muddy sand and shell	S_Mud			

W80	-40.058300	174.183304	Fri, 28 Sep 1990	75	G	Greenish grey muddy sand and shell	S_Mud			Radiocarbon surface- 500+/-180 yrs, 94-104cm - 9170+/-210 yrs
W81	-39.950699	174.158203	Fri, 28 Sep 1990	39	G	Dark grey medium/coarse sand and shells	MS			
W82	-39.924999	173.833298	Sat, 29 Sep 1990	98	G	Greenish grey medium/fine sandy mud and shells	MS			
W83	-39.916698	174.100006	Sat, 29 Sep 1990	40	G	Dark grey medium/coarse sand and shells	MS			
W86	-39.836700	174.433304	Mon, 1 Oct 1990	21	G	Black poorly sorted shelly gravel	GS			
W87	-39.875000	174.399994	Mon, 1 Oct 1990	20	G	Black poorly sorted shelly gravel	GS			Radiocarbon surface - 9670+/-290 yrs but also 28800+/-1350 yrs
W90	-39.873299	174.320007	Mon, 1 Oct 1990	23	G	Black poorly sorted shelly gravel	GS			
W91	-39.936699	174.330002	Mon, 1 Oct 1990	35	G	Few shells				
W93	-39.937500	174.333298	Tue, 2 Oct 1990	36	G	Shelly coarse sand	GS			
W96	-39.924999	174.225006	Tue, 2 Oct 1990	29	C	0.7 m coarse sandy shell and pebbles	GS			
W97	-39.858299	174.183304	Tue, 2 Oct 1990	27	G	Medium/coarse sand with shell and pebbles	GS			
Z562	-40.148300	174.304993	Thu, 26 Nov 1959	84	G	Shell frags and fine sand	FS			
Z563	-40.150002	174.425003	Thu, 26 Nov 1959	82	G	Fine shelly muddy sand	Mud_S			
Z564	-40.158298	174.911697	Sun, 29 Nov 1959	40	G	Medium/coarse black shelly sand and pebbles	GS			
Z565	-40.160000	174.833298	Sun, 29 Nov 1959	64	G	Medium/coarse sand and shells	CS			
Z566	-40.005001	174.683304	Sun, 29 Nov 1959	42	G	Medium/coarse sand and shells	CS			
Z567	-40.153301	173.791702	Sun, 29 Nov 1959	97	G	Fine muddy sand	FS			
Z568	-40.053299	174.101700	Sun, 29 Nov 1959	79	G	Medium/coarse muddy sand and shell fragments	CS			
Z569	-40.080002	174.753298	Mon, 30 Nov 1959	53	G	Medium/coarse shelly sand	CS			
Z570	-40.150002	173.603302	Tue, 1 Dec 1959	82	G	Fine muddy sand	FS			
Z571	-39.933300	173.883301	Tue, 1 Dec 1959	88	G	Medium/coarse shelly sand and mud	S_Mud			
Z572	-40.200001	174.649994	Sun, 13 Dec 1959	110	G	Fine muddy sand and shells	Mud_S			
Z573	-40.058300	174.466705	Sun, 13 Dec 1959	110	G	Grey muddy sand and shells	Mud_S			
Z574	-39.883301	174.791702	Sun, 10 Jan 1960	11	G	Fine grey sand	FS			
Z575	-39.849998	174.643295	Tue, 12 Jan 1960	13	G	Grey fine sand and shells	FS			
Z576	-39.841702	174.125000	Fri, 15 Jan 1960	37	G	Medium grey sand and shells	MS			
Z577	-39.966702	174.808304	Thu, 17 Dec 1959	37	G	Fine muddy sand with shells and pebbles	GS			
Z804	-40.266701	174.966705	Wed, 15 Nov 1950	0	G	Black grey mud and shells	G_mud			
Z808	-40.166698	174.533295	Mon, 13 Nov 1950	82	G	Silly shell sand	GS			
Z819	-40.000000	174.366699	Mon, 30 Oct 1950	0	G	Grey muddy silt	Mud			
Z830	-40.066700	174.193298	Mon, 12 Jun 1950	82	G	Shelly sand	GS			
Z873	-40.216702	175.149994	Mon, 13 Nov 1950	46	G	Fine grey/brown silty sand	FS			
Z875	-40.250000	175.116699	Thu, 9 Nov 1950	0	G	Shell sand				
Z892	-39.933300	174.266693	Mon, 12 Jun 1950	33	G	Fine dark grey sand	FS			
Z893	-39.891701	174.066696	Mon, 12 Jun 1950	59	G	Fine sand and shell	FS			