

Annex A

23218 - Dalgety Bay Sampling Log

Notes:

* Samples with a stated depth of 0.0 m bgl indicate samples which were present at the surface, and are highlighted with coloured shading

** Nominal source activity is based on the equipment calibration factor of 1000 cps/Bqg-1. This approach assumes that the total radiation field is due to Ra-226 and daughter products in total equilibrium, and that the source is a homogeneous source.

*** Total nominal activity is based on the nominal source activity and an assumed average weight of 250g per sample

Entry No.	Sample Reference	Sample Location (Eastings)	Sample Location (Northings)	Depth (m bgl)*	Date & Time Taken	Material Description / Main Constituents	Disturbed / Undisturbed	Wet / Dry	Field Probe Reading (cps)	Probe Used	Nominal Source Activity** (Bq/g)	Total Nominal Activity*** (Bq)	Sampler	Sample Storage Location	Comments	Campaign	Zone	Intrusive / Surface Survey	Sent for gamma-spec?
1	23218-S001	316479	683191	0	26/05/09 - 14:45	Maroon plastic artefact	Disturbed	Wet	2250	White	2.250	562.5	JSR	Container Store	Artefact on surface of beach, likely to have been laid down by tide.	Bay Area (Clearance)	B	Survey	
2	23218-S002	316275	683311	0.05	26/05/09 - 16:20	Soil	Disturbed	Dry	1120	Silver	1.120	280.0	JSR	Container Store	Contaminated soil from minor coastal path	Coastal Path	C	Survey	
3	23218-S003	316258	683341	0	27/05/2009	Large clinker / metal artefact	Disturbed	Wet	2000	Silver	2.000	500.0	LM	Container Store	Large object on surface of beach	Bay Area (Clearance)	B	Survey	
4	23218-S004	316199.63	683384.5	0.05	27/05/2009	Small clinker object and sand	Disturbed	Wet	4300	Silver	4.300	1075.0	LM	Container Store	Attempted undisturbed sample but missed source	Bay Area (Clearance)	B	Survey	
5	23218-S005	316493	683085	0	27/05/2009	Sand, gravel and clinker	Disturbed	wet	2200	White	2.200	550.0	JSR	Container Store		Bay Area (Clearance)	A	Survey	
6	23218-S006	316497	683096	0	27/05/2009	Sand, gravel and clinker	Disturbed	Dry	5500	White	5.500	1375.0	JSR	Container Store		Bay Area (Clearance)	A	Survey	
7	23218-S007	316451.27	683024.02	0.1	27/05/2009	Sand, gravel and clinker	Disturbed	Dry	22000	White	22.000	5500.0	JSR	DSTL Alverstoke	Sample sent to dstl for gamma-spec and analysis	Bay Area (Clearance)	B	Survey	Dec-09
8	23218-S008	316447	683018	0	27/05/2009	Sand, gravel and clinker	Disturbed	Wet	7500	White	7.500	1875.0	JSR	Container Store		Bay Area (Clearance)	B	Survey	
9	23218-S009	316443	683014	0.05	27/05/2009	Sand, gravel and clinker	Disturbed	Dry	7300	White	7.300	1825.0	JSR	Container Store		Bay Area (Clearance)	B	Survey	
10	23218-S010	316483	683082	0	27/05/2009	Sand, gravel and clinker	Disturbed	Dry	1800	White	1.800	450.0	JSR	Container Store		Bay Area (Clearance)	B	Survey	
11	23218-S011	316489	683102	0	27/05/2009	Piece of brick with clinker attached	Disturbed	Dry	7300	White	7.300	1825.0	JSR	Container Store		Bay Area (Clearance)	A	Survey	
12	23218-S012	316482	683113	0	27/05/2009	5mm piece of clinker	Disturbed	Dry	1400	White	1.400	350.0	JSR	Container Store	Adjacent to sample S013	Bay Area (Clearance)	A	Survey	
13	23218-S013	316483	683112	0.05	27/05/2009	Sand and gravel	Disturbed	Dry	1200	White	1.200	300.0	JSR	Container Store	Adjacent to sample S012	Bay Area (Clearance)	A	Survey	
14	23218-S014	316494.23	683125.17	0.05	27/05/2009	Sand and gravel	Disturbed	Dry	5100	White	5.100	1275.0	JSR	Container Store		Slipways 100%	A	Intrusive	
15	23218-S015	316401	683000	0.05	27/05/2009	Sand and gravel	Disturbed	Dry	2200	White	2.200	550.0	JSR	Container Store		Bay Area (Clearance)	B	Survey	
16	23218-S016	316399	683000	0.05	27/05/2009	Gravel and clinker	Disturbed	Dry	2000	White	2.000	500.0	JSR	Container Store		Bay Area (Clearance)	B	Survey	
17	23218-S017	316484.08	683108.56	0.15	28/05/09 - pm	Ashy clinker	Disturbed	Dry	21700	White	21.700	5425.0	JSR	Container Store	TP01 0.15m bgl	Slipways 100%	A	Intrusive	
18	23218-S018	316485.3	683110.2	0	28/05/09 - pm	Sand and gravel	Disturbed	Dry	2300	White	2.300	575.0	JSR	Container Store	TP04 Surface	Slipways 100%	A	Intrusive	
19	23218-S019	316494	683125	0.5	28/05/09 - pm	Ashy clinker	Disturbed	Dry	2300	White	2.300	575.0	JSR	Container Store	TP07 0.5m bgl	Slipways 100%	A	Intrusive	
20	23218-S020	316495	683122	0.5	28/05/09 - pm	Ashy clinker	Disturbed	Dry	3300	White	3.300	825.0	JSR	Container Store	TP07 0.5m bgl	Bay Area (Clearance)	B	Survey	
21	23218-S021	316488	683094	0	28/05/09 - pm	Large lump clinker	Disturbed	Dry	2250	White	2.250	562.5	JSR	Container Store	TP20 Surface	Bay Area (Clearance)	A	Survey	
22	23218-S022	316491	683092	0.3	28/05/09 - pm	Sand, gravel and clinker	Disturbed	Dry	4600	White	4.600	1150.0	JSR	DSTL Alverstoke	TP22 0.3m bgl. Sample sent to dstl for gamma-spec and analysis	Bay Area (Clearance)	A	Survey	Dec-09
23	23218-S023	316456	683284	0.05	28/05/09 - pm	Wet clinker object in gravel	Disturbed	Wet	2600	Silver	2.600	650.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
24	23218-S024	316426	683295	0	28/05/09 - pm	Sand and gravel, nothing obvious	Disturbed	Dry	720	Silver	0.720	180.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
25	23218-S025	316424	683292	0	28/05/09 - pm	Sand and gravel	Disturbed	Dry	1900	Silver	1.900	475.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
26	23218-S026	316409	683295	0.05	28/05/09 - pm	Two objects 15cm apart (clinker) in sand and gravel	Disturbed	Wet	4900	Silver	4.900	1225.0	LM	DSTL Alverstoke	Sample sent to dstl for gamma-spec and analysis	Bay Area (Clearance)	B	Survey	Dec-09
27	23218-S027	316336	683308	Unknown	28/05/09 - pm	Sand (undisturbed sample)	Undisturbed	Dry	6300	Silver	6.300	1575.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
28	23218-S028	316443.4	683263.73	0	28/05/09 - pm	Sand and clinker	Disturbed	Dry	2900	Silver	2.900	725.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
29	23218-S029	316479	683202	Unknown	29/05/09 - pm	Wet sand	Undisturbed	Wet	4300	Silver	4.300	1075.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
30	23218-S030	316501	683212	Unknown	29/05/09 - pm	Wet sand	Undisturbed	Wet	3200	Silver	3.200	800.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
31	23218-S031	316500.99	683199.2	0.2	29/05/09 - pm	Wet sand and shells	Disturbed	Dry	2200	Silver	2.200	550.0	LM	Container Store		Bay Area (Clearance)	B	Survey	
32	23218-S032	316496.67	683121.01	0.3	29/05/2009	Clinker lump	Disturbed	Dry	916	White	0.916	229.0	JSR	Container Store	TP28	Slipways 100%	A	Intrusive	
33	23218-S033	316492.45	683123.69	0.4	29/05/2009	Sand an ash	Disturbed	Dry	1360	White	1.360	340.0	JSR	Container Store	TP28	Slipways 100%	A	Intrusive	
34	23218-S034	316501.23	683107.76	0.5	29/05/2009	Sand, ash and clinker	Disturbed	Dry	6300	White	6.300	1575.0	JSR	DSTL Alverstoke	TP31. Sample sent to dstl for gamma-spec and analysis	Slipways 100%	A	Intrusive	Dec-09
35	23218-S035	316491.49	683108.86	0.1	29/05/2009	Sand and ash	Disturbed	Dry	3600	White	3.600	900.0	JSR	Container Store	TP32	Slipways 100%	A	Intrusive	
36	23218-S036	316503	683080	0.2	29/05/2009	Sand, ash and clinker	Disturbed	Dry	3300	White	3.300	825.0	JSR	Container Store	TP39	Slipways 100%	A	Intrusive	
37	23218-S037	316500.29	683080.08	0.1	29/05/2009	Ashy sand	Disturbed	Dry	3600	White	3.600	900.0	JSR	Container Store	TP40	Slipways 100%	A	Intrusive	

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Entry No.	Sample Reference	Sample Location (Eastings)	Sample Location (Northings)	Depth (m bgl)	Date & Time Taken	Material Description / Main Constituents	Disturbed / Undisturbed	Wet / Dry	Field Probe Reading (cps)	Probe Used	Nominal Source Activity** (Bq/g)	Total Nominal Activity*** in Sample (Bq)	Sampler	Sample Storage Location	Comments	Campaign	Zone	Intrusive / Surface Survey	Sent for gamma-spec?
38	23218-S038	316494.32	683089.42	0.1	29/05/2009	Ashy sand and clinker	Disturbed	Dry	1100	White	1.100	275.0	JSR	Container Store	TP45	Slipways 100%	A	Intrusive	
39	23218-S039	316494.32	683089.42	0.2	29/05/2009	Ashy sand and clinker	Disturbed	Dry	2200	White	2.200	550.0	JSR	Container Store	TP45	Slipways 100%	A	Intrusive	
40	23218-S040	316490	683087	0.3	29/05/2009	Ashy sand and clinker	Disturbed	Dry	2050	White	2.050	512.5	JSR	Container Store	TP45	Slipways 100%	A	Intrusive	
41	23218-S041	316488.54	683089.69	0.3	29/05/2009	Ashy sand and clinker	Disturbed	Dry	6000	White	6.000	1500.0	JSR	Container Store	TP45	Slipways 100%	A	Intrusive	
42	23218-S042	316491.78	683091.43	0.1	29/05/2009	Ash and clinker	Disturbed	Dry	3800	White	3.800	950.0	JSR	DSTL Alverstoke	TP46. Sample sent to dstl for gamma-spec and analysis	Slipways 100%	A	Intrusive	Dec-09
43	23218-S043	316494.01	683102.23	0.2	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	998	White	0.998	249.5	JSR	Container Store	TP47	Slipways 100%	A	Intrusive	
44	23218-S044	316502	683106	0.6	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	4300	White	4.300	1075.0	JSR	Container Store	TP50	Slipways 100%	A	Intrusive	
45	23218-S045	316497.27	683109.66	0.15	01/06/09 - pm	Ash and clinker	Disturbed	Wet	103000	White	103.000	25750.0	JSR	Container Store	TP51	Slipways 100%	A	Intrusive	
46	23218-S046	316504.72	683105.41	0.4	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	13600	White	13.600	3400.0	JSR	Container Store	TP51	Slipways 100%	A	Intrusive	
47	23218-S047	316503	683105	0.6	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	1300	White	1.300	325.0	JSR	Container Store	TP51	Slipways 100%	A	Intrusive	
48	23218-S048	316505.99	683089.42	0.1	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	21000	White	21.000	5250.0	JSR	DSTL Alverstoke	Adjacent to TP52 slightly NW. Sample sent to dstl for gamma-spec and analysis	Slipways 100%	A	Intrusive	Dec-09
49	23218-S049	316505	683093	0.1	01/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	1500	White	1.500	375.0	JSR	Container Store	TP53	Slipways 100%	A	Intrusive	
50	23218-S050	316505.3	683092.63	0.3	02/06/09 - pm	Ash, sand and clinker	Disturbed	Wet	4050	White	4.050	1012.5	JSR	Container Store	South of TP54 -0.5m	Slipways 100%	A	Intrusive	
51	23218-S051	316493.21	683096.6	0.1	02/06/09 - pm	Ashy gravel	Disturbed	Wet	4900	White	4.900	1225.0	JSR	Container Store	TP55	Slipways 100%	A	Intrusive	
52	23218-S052	316498	683096	0.3	02/06/09 - pm	Ashy gravel	Disturbed	Wet	1700	White	1.700	425.0	JSR	Container Store	TP55	Slipways 100%	A	Intrusive	
53	23218-S053	316498	683096	0.3	02/06/09 - pm	Clinker lump	Disturbed	Wet	4400	White	4.400	1100.0	JSR	Container Store	TP55	Slipways 100%	A	Intrusive	
54	23218-S054	316493.21	683096.6	0.4	02/06/09 - pm	Ashy gravel	Disturbed	Dry	1000	White	1.000	250.0	JSR	Container Store	TP56	Slipways 100%	A	Intrusive	
55	23218-S055	316490	683092	0.2	02/06/09 - pm	Clinker piece	Disturbed	Dry	4700	White	4.700	1175.0	JSR	Container Store	TP58	Slipways 100%	A	Intrusive	
56	23218-S056	316490	683092	0.2	02/06/09 - pm	Ashy sand and gravel	Disturbed	Dry	4300	White	4.300	1075.0	JSR	Container Store	TP58	Bay Area (Clearance)	A	Survey	
57	23218-S057	316499	683094	0.3	02/06/09 - pm	Ashy clinker and gravel	Disturbed	Dry	4000	White	4.000	1000.0	JSR	Container Store	TP63	Bay Area (Clearance)	A	Survey	
58	23218-S058	316499	683094	0.4	02/06/09 - pm	Ashy clinker and gravel	Disturbed	Dry	1400	White	1.400	350.0	JSR	Container Store	TP63	Bay Area (Clearance)	A	Survey	
59	23218-S059	316554	683166	0	03/06/09 - am	Clinker lump	Disturbed	Dry	5950	White	5.950	1487.5	JSR	Container Store	Clearance Survey	Bay Area (Clearance)	B	Survey	
60	23218-S060	316554	683162	0	03/06/09 - am	Sandy rock	Disturbed	Dry	3500	White	3.500	875.0	JSR	Container Store	Clearance Survey	Bay Area (Clearance)	B	Survey	
61	23218-S061	316519	683159	0.2	03/06/09 - am	Gravel	Disturbed	Dry	5500	White	5.500	1375.0	JSR	Container Store	Clearance Survey	Bay Area (Clearance)	B	Survey	
62	23218-S062	316171.8	683431.17	unknown	29/06/09 - pm	sand and mud	Undisturbed	Wet	1200	White	1.200	300.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
63	23218-S063	316158	683424	unknown	29/06/09 - pm	sand and mud	Undisturbed	wet	2000	White	2.000	500.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
64	23218-S064	316197	683380	0.05	29/06/09 - pm	sand and gravel	Disturbed	Dry	2000	White	2.000	500.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
65	23218-S065	316355	683315	0.2	29/06/09 - pm	sand and gravel	Disturbed	Dry	1700	White	1.700	425.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
66	23218-S066	316441	683263	0.1	29/06/09 - pm	clinker piece	Disturbed	Dry	12000	White	12.000	3000.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
67	23218-S067	316515.29	683183.17	0.2	30/06/2009	sand and gravel	Disturbed	Dry	4800	White	4.800	1200.0	JSR	DSTL Alverstoke	Baseline Survey. Sample sent to dstl for gamma-spec and analysis	Bay Area (Baseline)	B	Survey	Dec-09
68	23218-S068	316524.87	683183.34	0.1	30/06/2009	gravel and clinker	Disturbed	Dry	6500	White	6.500	1625.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
69	23218-S069	316531.71	683199.24	0.15	30/06/2009	clinker piece	Disturbed	Wet	65000	White	65.000	16250.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
70	23218-S070	316497.85	683191.37	0.1	30/06/2009	sand, clinker and gravel	Disturbed	Wet	6600	White	6.600	1650.0	JSR	Container Store	Baseline Survey	Bay Area (Baseline)	B	Survey	
71	23218-S071	316509	683127	0.4	01/07/2009	clinker	Disturbed	Dry	2200	White	2.200	550.0	JSR	Container Store	intrusive works TP/10a (eastern area)	Ash Bed Investigations, Outside Slipways	B	Intrusive	
72	23218-S072	316497.51	683062.58	0.45	01/07/2009	clinker	Disturbed	Dry	39000	White	39.000	9750.0	JSR	Container Store	intrusive works TP/18a (western area)	Ash Bed Investigations, Outside Slipways	B	Intrusive	
73	23218-S073	316523.02	683123.66	0.1	01/07/2009	clinker and gravel	Disturbed	Dry	35000	White	35.000	8750.0	JSR	Container Store	Ash bed, eastern area	Ash Bed Investigations, Outside Slipways	B	Intrusive	

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74	23218-S074	316519	683132	0.15	23/10/2009	Sand and gravel	Disturbed	Dry	5000	White	5.000	1250.0	CN	Container Store	Monitoring Survey 2	Monitoring Survey 2	B	Survey	
75	23218-S075	316488	683074	0.3	02/11/2009	Ash and Gravel	Disturbed	Wet	1500	White	1.500	375.0	JSR	Container Store	TP04 November Intrusive works (western area)	Outwith Slipways 100%	B	Intrusive	
76	23218-S076	316484	683076	0.7	02/11/2009	Clinker piece	Disturbed	Dry	8200	White	8.200	2050.0	JSR	Container Store	TP07 November Intrusive works (western area)	Outwith Slipways 100%	B	Intrusive	
77	23218-S077	316479	683087	0.7	02/11/2009	Clinker lump	Disturbed	Dry	5150	White	5.150	1287.5	JSR	Container Store	TP10 November Intrusive works (western area)	Outwith Slipways 100%	B	Intrusive	
78	23218-S078	316488	683075	0.3	03/11/2009	Clinker piece	Disturbed	Dry	11000	White	11.000	2750.0	JSR	Container Store	TP14 November Intrusive works (western area)	Outwith Slipways 100%	B	Intrusive	
79	23218-S079	316487	683074	0.2	03/11/2009	3 inch thin Metal disc	Disturbed	Dry	56000	White	56.000	14000.0	JSR	Container Store	TP15 November Intrusive works (western area)	Outwith Slipways 100%	B	Intrusive	
80	23218-S080	316516	683111	0	04/11/2009	Ash and Gravel	Disturbed	Dry	1900	White	1.900	475.0	JSR	Container Store	TP18 November Intrusive works. *Hotspot found on surface following backfilling of pit (eastern area)	Outwith Slipways 100%	B	Intrusive	
81	23218-S081	316519	683114	0.2	04/11/2009	Ash and Gravel	Disturbed	Dry	8000	White	8.000	2000.0	JSR	Container Store	TP19 November Intrusive works (eastern area)	Outwith Slipways 100%	B	Intrusive	
82	23218-S082	316532.7	683130.48	0.2	04/11/2009	Clinker piece	Disturbed	Dry	5900	White	5.900	1475.0	JSR	Container Store	TP22 November Intrusive works (eastern area)	Outwith Slipways 100%	B	Intrusive	
83	23218-S083	316516	683120	0.3	05/11/2009	Ash	Disturbed	Wet	72000	White	72.000	18000.0	CN	DSTL Alverstoke	TP26 November Intrusive works (eastern area). Sample sent to dstl for gamma-spec and analysis	Outwith Slipways 100%	B	Intrusive	Dec-09
84	23218-S084	316524	683117	0.1	06/11/2009	Ash	Disturbed	Wet	10000	White	10.000	2500.0	CN	Container Store	TP36 November Intrusive works (eastern area)	Outwith Slipways 100%	B	Intrusive	
85	23218-S085	316519	683125	0.2	06/11/2009	Clinker	Disturbed	Wet	10000	White	10.000	2500.0	CN	DSTL Alverstoke	TP36 November Intrusive works (eastern area). Sample sent to dstl for gamma-spec and analysis	Outwith Slipways 100%	B	Intrusive	Dec-09
86	23218-S086	316527	683125	0.2	06/11/2009	Ash	Disturbed	Wet	12000	White	12.000	3000.0	CN	Container Store	TP37 November Intrusive works (eastern area)	Outwith Slipways 100%	B	Intrusive	
87	23218-S087	316529	683120	0.2	06/11/2009	Ash	Disturbed	Wet	10000	White	10.000	2500.0	CN	Container Store	TP38 November Intrusive works (eastern area)	Outwith Slipways 100%	B	Intrusive	
88	23218-S088	316445	683215	0.1	16/12/2009	PIECE OF BURNT METAL	Disturbed	DRY	2005	White	2.005	501.3	CM	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 3	B	Survey	May-10
89	23218-S089	316414	683292	0	16/12/2009	PIECES OF CLINKER	Disturbed	DRY	1600	White	1.600	400.0	CM	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 3	B	Survey	May-10
90	23218-S090	316464	683025	0.05	17/12/2009	GRAVEL AND SAND	Disturbed	DRY	5000	White	5.000	1250.0	CM	Container Store	Found during beach Survey (western area)	Monitoring Survey 3	B	Survey	May-10
91	23218-S091	316517	683146	0.05	17/12/2009	CLINKER LUMP	Disturbed	DRY	1100	White	1.100	275.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
92	23218-S092	316534	683139	0.05	17/12/2009	CLINKER PIECES	Disturbed	DRY	5500	White	5.500	1375.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
93	23218-S093	316532	683142	0.1	17/12/2009	GRAVEL AND SAND	Disturbed	WET	10000	White	10.000	2500.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
94	23218-S094	316555	683154	0	17/12/2009	CLINKER LUMP	Disturbed	DRY	5000	White	5.000	1250.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
95	23218-S095	316554	683157	0	17/12/2009	CLINKER PIECE	Disturbed	DRY	2500	White	2.500	625.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
96	23218-S096	316534	683134	0	17/12/2009	CLINKER LUMP	Disturbed	DRY	3700	White	3.700	925.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
97	23218-S097	316529	683135	0.1	17/12/2009	GRAVEL	Disturbed	DRY	2800	White	2.800	700.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
98	23218-S098	316499	683092	0.2	17/12/2009	GRAVEL AND SAND	Disturbed	DRY	12400	White	12.400	3100.0	CM	Container Store	Found during beach Survey (western area)	Monitoring Survey 3	A	Survey	May-10
99	23218-S099	316527	683127	0.1	17/12/2009	CLINKER LUMP	Disturbed	DRY	8300	White	8.300	2075.0	CM	Container Store	Found during beach Survey (eastern area)	Monitoring Survey 3	B	Survey	May-10
100	23218-S100	316499	683095	0.1	17/12/2009	GRAVEL AND SAND	Disturbed	DRY	11000	White	11.000	2750.0	CM	Container Store	Found during beach Survey (western area)	Monitoring Survey 3	A	Survey	May-10
101	23218-S101	316517	683126	0.1	17/12/2009	GRAVEL	Disturbed	DRY	800	White	0.800	200.0	CM	Container Store	Found during beach Survey	Monitoring Survey 3	B	Survey	May-10
102	23218-S102	316489	683200	0.05	18/12/2009	GRAVEL AND SAND	Disturbed	DRY	1700	White	1.700	425.0	JSR	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 3	B	Survey	May-10
103	23218-S103	316460	683207	0	18/12/2009	CLINKER PIECE	Disturbed	DRY	1200	White	1.200	300.0	JSR	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 3	B	Survey	May-10
104	23218-S104	316463	683236	0.05	18/12/2009	GRAVEL AND SAND	Disturbed	DRY	3600	White	3.600	900.0	JSR	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 3	B	Survey	May-10
105	23218-S105	316454	683251	0.1	04/03/2010	GRAVEL AND SAND	Disturbed	DRY	10000	White	10.000	2500.0	CN	Container Store	Found during beach Survey (north eastern area)	Monitoring Survey 4	B	Survey	May-10
106	23218-S106	316445.94	683253.51	0.1	07/04/2010	SAND AND GRAVEL	Disturbed	DRY	6060	White	6.060	1515.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
107	23218-S107	316411	683288	0.1	07/04/2010	SAND AND GRAVEL	Disturbed	DRY	2000	White	2.000	500.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
108	23218-S108	316410	683289	0.1	07/04/2010	SAND AND GRAVEL	Disturbed	DRY	1081	White	1.081	270.3	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	

23218 - Dalgety Bay Sampling Log

Notes:
 * Samples with a stated depth of 0.0 m bgl indicate samples which were present at the surface, and are highlighted with coloured shading
 ** Nominal source activity is based on the equipment calibration factor of 1000 cps/Bqg-1. This approach assumes that the total radiation field is due to Ra-226 and daughter products in total equilibrium, and that the source is a homogeneous source.
 *** Total nominal activity is based on the nominal source activity and an assumed average weight of 250g per sample

Entry No.	Sample Reference	Sample Location (Eastings)	Sample Location (Northings)	Depth (m bgl)*	Date & Time Taken	Material Description / Main Constituents	Disturbed / Undisturbed	Wet / Dry	Field Probe Reading (cps)	Probe Used	Nominal Source Activity** (Bq/g)	Total Nominal Activity*** in Sample (Bq)	Sampler	Sample Storage Location	Comments	Campaign	Zone	Intrusive / Surface Survey	Sent for gamma-spec?
109	23218-S109	316380	683297	0	07/04/2010	CLINKER PIECE	Disturbed	DRY	16300	White	16.300	4075.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
110	23218-S110	316193.15	683403.53	0.2	07/04/2010	SAND AND GRAVEL	Disturbed	DRY	4260	White	4.260	1065.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
111	23218-S111	316412.98	683292.9	0.2	07/04/2010	CLINKER AND SOIL	Disturbed	DRY	4500	White	4.500	1125.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
112	23218-S112	316408	683290	0.2	08/04/2010	CLINKER PIECE	Disturbed	DRY	1600	White	1.600	400.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
113	23218-S113	316326.01	683318.05	0.1	08/04/2010	MUD AND GRAVEL	Disturbed	WET	2030	White	2.030	507.5	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
114	23218-S114	316446	683228	0	08/04/2010	SAND AND FINE GRAVEL	Disturbed	DRY	8400	White	8.400	2100.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
115	23218-S115	316522.06	683196.8	0	08/04/2010	CLINKER LUMP	Disturbed	DRY	2000	White	2.000	500.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
116	23218-S116	316453.98	683277.35	0.1	08/04/2010	SAND AND GRAVEL	Disturbed	DRY	2900	White	2.900	725.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
117	23218-S117	316465.72	683046.41	0.05	09/04/2010	CLINKER LUMP	Disturbed	DRY	8900	White	8.900	2225.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
118	23218-S118	316150.41	683427.22	0.1	09/04/2010	MUD AND SAND	Disturbed	DRY	2600	White	2.600	650.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
119	23218-S119	316423	683042.2	0.2	09/04/2010	SAND	Disturbed	DRY	3900	White	3.900	975.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
120	23218-S120	316490	683098	0.1	09/04/2010	GRAVEL AND SAND	Disturbed	DRY	7600	White	7.600	1900.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	A	Survey	
121	23218-S121	316480	683084	0	09/04/2010	GRAVEL AND SAND	Disturbed	DRY	2750	White	2.750	687.5	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
122	23218-S122	316497	683102	0.15	09/04/2010	SAND AND GRAVEL	Disturbed	WET	1200	White	1.200	300.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	A	Survey	
123	23218-S123	316489	683129	0	09/04/2010	CLINKER PIECE	Disturbed	DRY	2900	White	2.900	725.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	A	Survey	
124	23218-S124	316536	683131	0.05	09/04/2010	SAND AND GRAVEL	Disturbed	WET	2800	White	2.800	700.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
125	23218-S125	316521	683159	0	09/04/2010	SAND AND GRAVEL	Disturbed	DRY	2200	White	2.200	550.0	JSR	Container Store	Found during beach survey following storm event	Monitoring Survey 5	B	Survey	
126	23218-S126	316492.77	683115	0	18/05/2010	CLINKER PIECE	Disturbed	DRY	6000	White	6.000	1500.0	SP	Container Store	Beach survey: between slips	Monitoring Survey 6	A	Survey	
127	23218-S127	316350.29	683313.71	0.1	19/05/2010	SAND AND GRAVEL	Disturbed	DRY	7000	White	7.000	1750.0	CN	Container Store	Beach survey: N area	Monitoring Survey 6	B	Survey	
128	23218-S128	316283.83	683316.89	0.1	19/05/2010	SAND AND GRAVEL	Disturbed	DRY	2000	White	2.000	500.0	CN	Container Store	Beach survey: N area	Monitoring Survey 6	B	Survey	
129	Missed Sample 1	316466	683023						7785						Area near to New Harbour		B	Survey	
130	Missed Sample 2	316531	683096						2705						Area near end of Jetty		A	Survey	
131	Missed Sample 3								2200							TP 17 November intrusive works 09	A	Survey	