BRITISH GEOLOGICAL SURVEY

dti

OPEN FILE REPORT NO. 8

VOLUME 2

DATA ARISING FROM DRILLING INVESTIGATIONS IN THE LOCH BORRALAN INTRUSION, SUTHERLAND, SCOTLAND

Compilation: M H Shaw, BSc

Geology and Geochemistry: A G Gunn, BA, MSc
T A Fletcher, BSc, PhD
M H Shaw, BSc

Mineralogy: M T Styles, BSc, PhD
M Perez, BSc

This data package relates to work carried out by the British Geological Survey on behalf of the Department of Trade and Industry

MINERAL RECONNAISSANCE PROGRAMME - LOCH BORRALAN DATA PACKAGE

Scope of investigations

In 1988, following promising indications from commercial studies in Canada, MRP investigations for the platinum group elements (PGE) were directed towards the mafic constituents of alkaline intrusive suites in Scotland. The results of studies on the Borralan intrusion are contained in this data release.

The investigations took place in two phases. Initially, archived borehole cores from 37 shallow vertical boreholes, drilled in 1979 as part of an investigation by BGS into the phosphate potential of the Borralan intrusion, were examined and sampled for PGE analysis (Volume 1). Subsequently, following the discovery of localised PGE enrichment in these samples, a drilling project directed specifically towards the investigation of these elements in the Borralan intrusion was carried out. The data, compiled from geochemical, geophysical and mineralogical studies of this drillcore, are presented in Volume 2.

VOLUME 1: Archived drillcore study

Background information from the 1979 phosphate investigations (items 1, 2 and 3) and new data for precious metal content and trace element determinations of samples from this drillcore (item 4) are contained in this volume.

1 Location map of Phosphate project boreholes.

2 Graphic and detailed, written borehole logs for the 37 Phosphate project boreholes.

3 List of boreholes drilled for the Loch Borralan Phosphate project, together with corresponding sample numbers from the subsequent PGE investigations.

4 Trace element, PGE and Au determinations on 695 samples from the above boreholes.

VOLUME 2: MRP drilling

The siting of boreholes was constrained by difficult ground conditions and forest planting activities. The four boreholes were located in a structurally complex zone to the north-west of the main Borralan intrusion. Due to the paucity of surface exposure the boreholes were sited using ground magnetics, the maximum amplitude of the total field anomaly over the prospective mafic pyroxene syenites being in the order of 3000 nT. Detailed logs from these boreholes are held by the MRP Programme Manager, BGS. This volume comprises:

1 Location map of Loch Borralan boreholes 1-4.

2 Graphic logs, Loch Borralan boreholes 1-4.

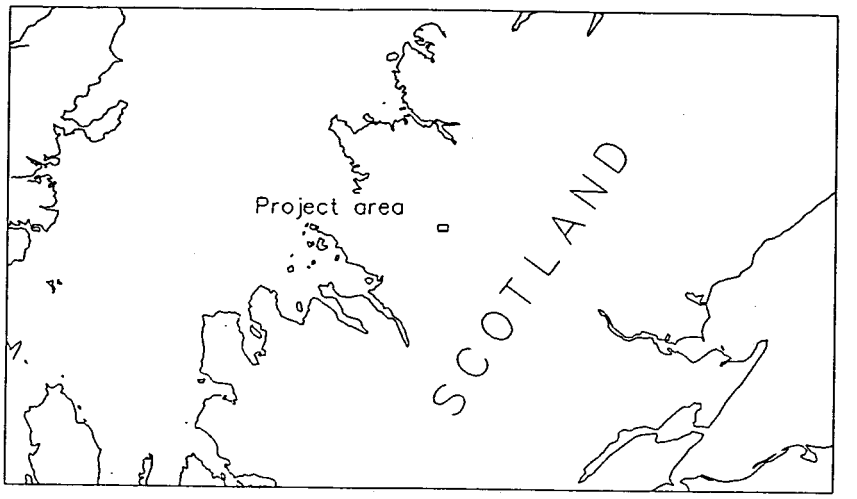
3 Summary logs for Loch Borralan boreholes 1-4.

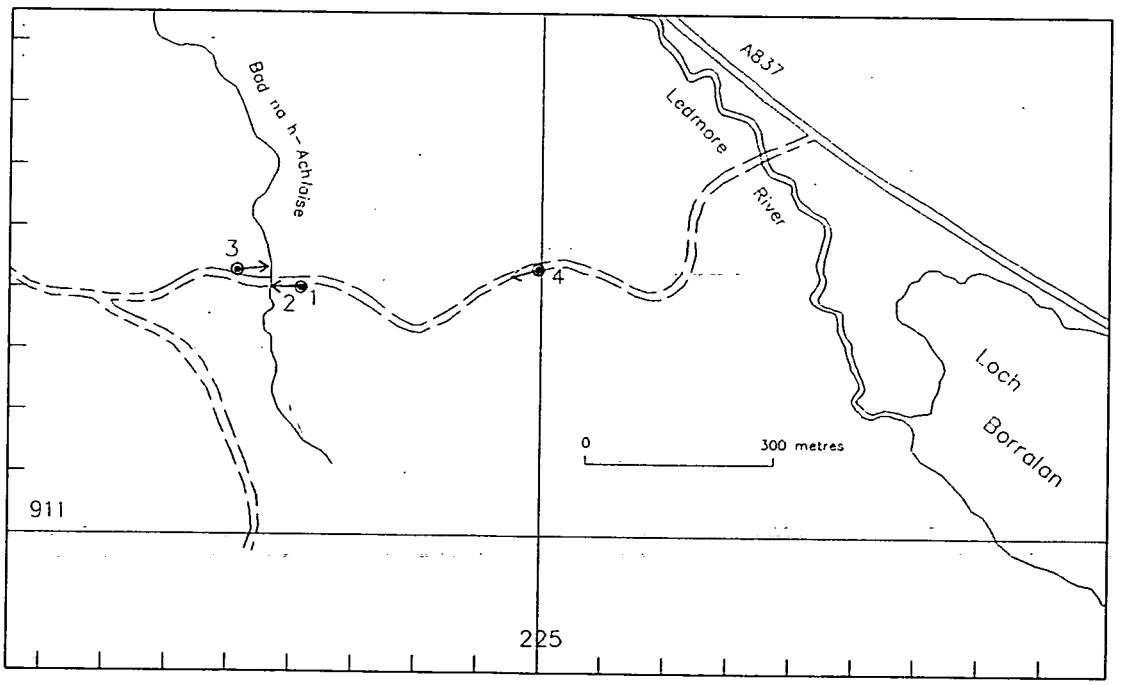
4 Trace element, PGE and Au determinations on 524 samples from Loch Borralan boreholes 2-4.

5 Petrographic descriptions of thin sections obtained from Loch Borralan boreholes 2 and 4.

6 Magnetic susceptibility measurements for Loch Borralan boreholes 2-4; readings were recorded from drillcore using a Kappameter.

Loch Borralan boreholes 1–4 locations

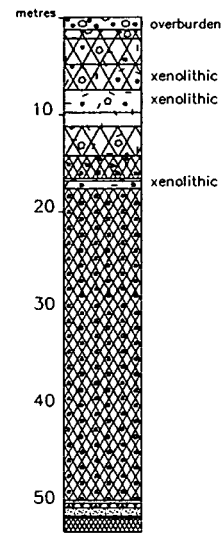




Loch Borralan Borehole 1

Loaction: NC 22462 91140 Azimuth: 270° Inclination: 55°
Depth, inclined: 53.02 m. Depth, true: 43.43 m.

Geochemical sampling of this borehole was not undertaken.



Leucosyenite

Garnet biotite syenite

Biotite garnet pyroxene syenite

Pyroxene garnet syenite

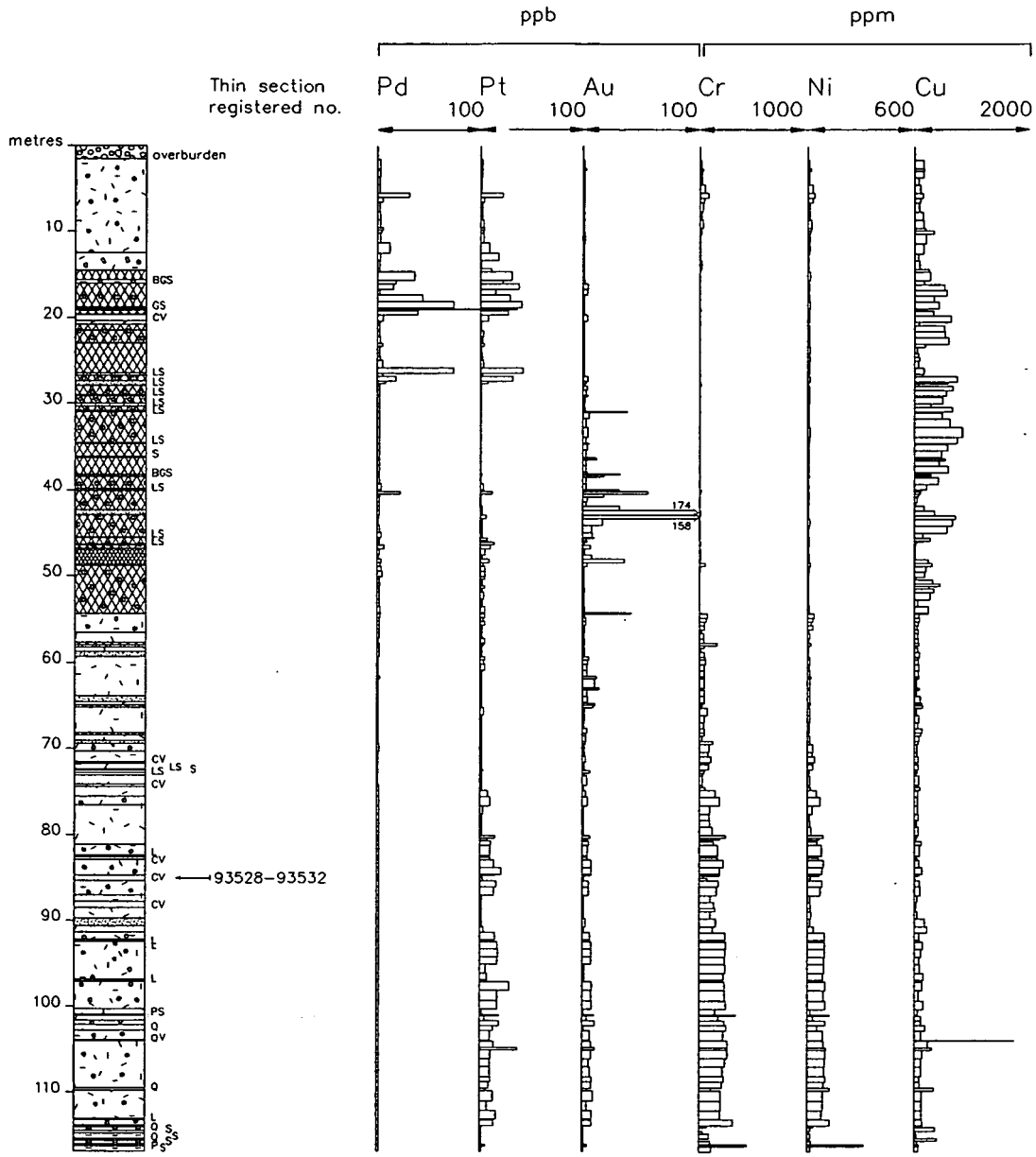
Garnet pyroxenite

Pyroxenite, carbonatised

Loch Borralan Borehole 2

Location: NC 22462 91140 Azimuth: 270° Inclination: 55°

Depth, inclined: 116.84 m. Depth, true: 82.62 m.



S Syenite

LS Leucosyenite

Garnet syenite

BGS Biotite garnet syenite

Q Quartzite

P Pyroxenite, heterogeneous

Garnet pyroxenite

Pyroxenite, carbonatised

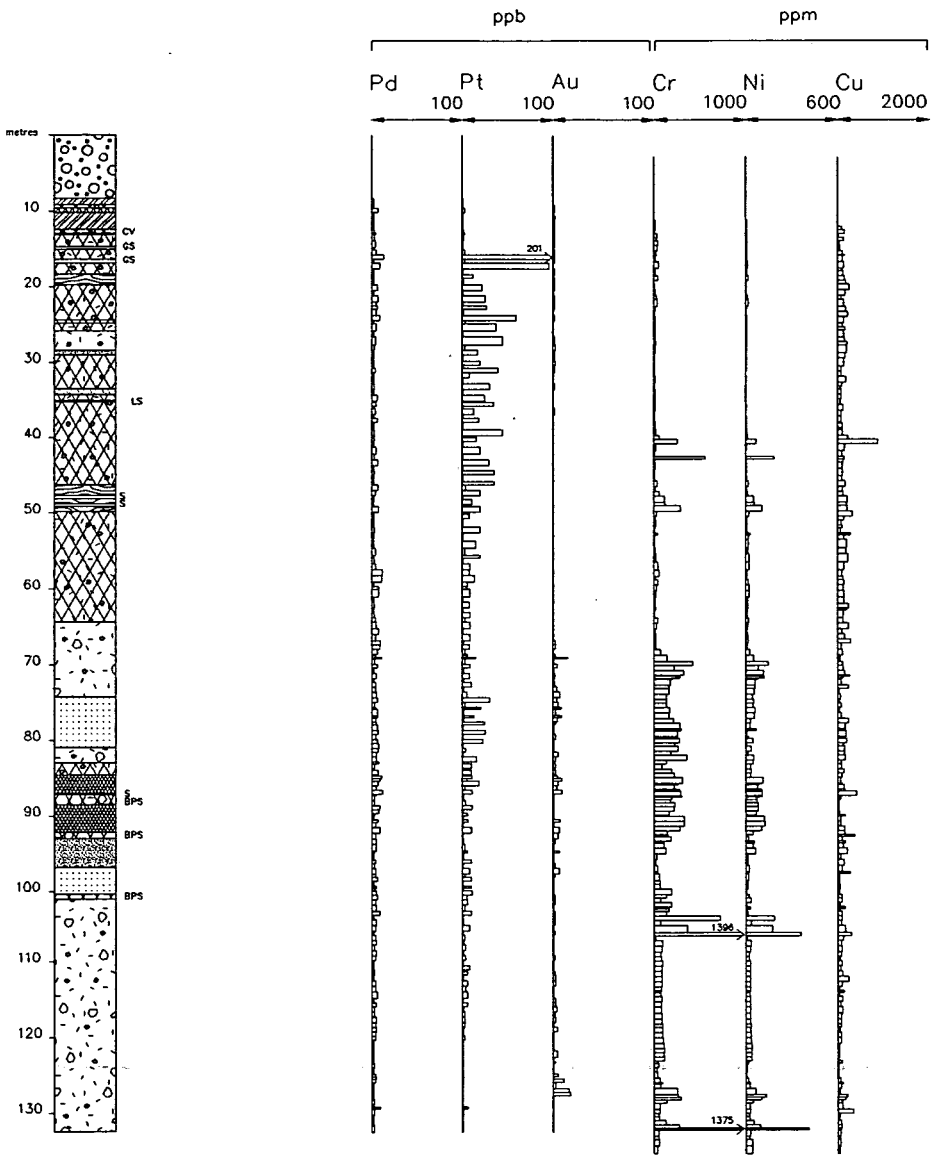
CV Carbonate vein

QV Quartz vein

Loch Borralan Borehole 3

Location: NC 22451 91143 Azimuth: 84° Inclination: 55°

Depth, inclined: 131.79 m. Depth, true: 107.95 m.



Leucosyenite

Syenite

Garnet syenite

Quartzite

Calc–silicate

cv Carbonate vein

Biotite garnet syenite

Pyroxene garnet syenite

Pyroxenite, heterogeneous

Pyroxenite, carbonatised

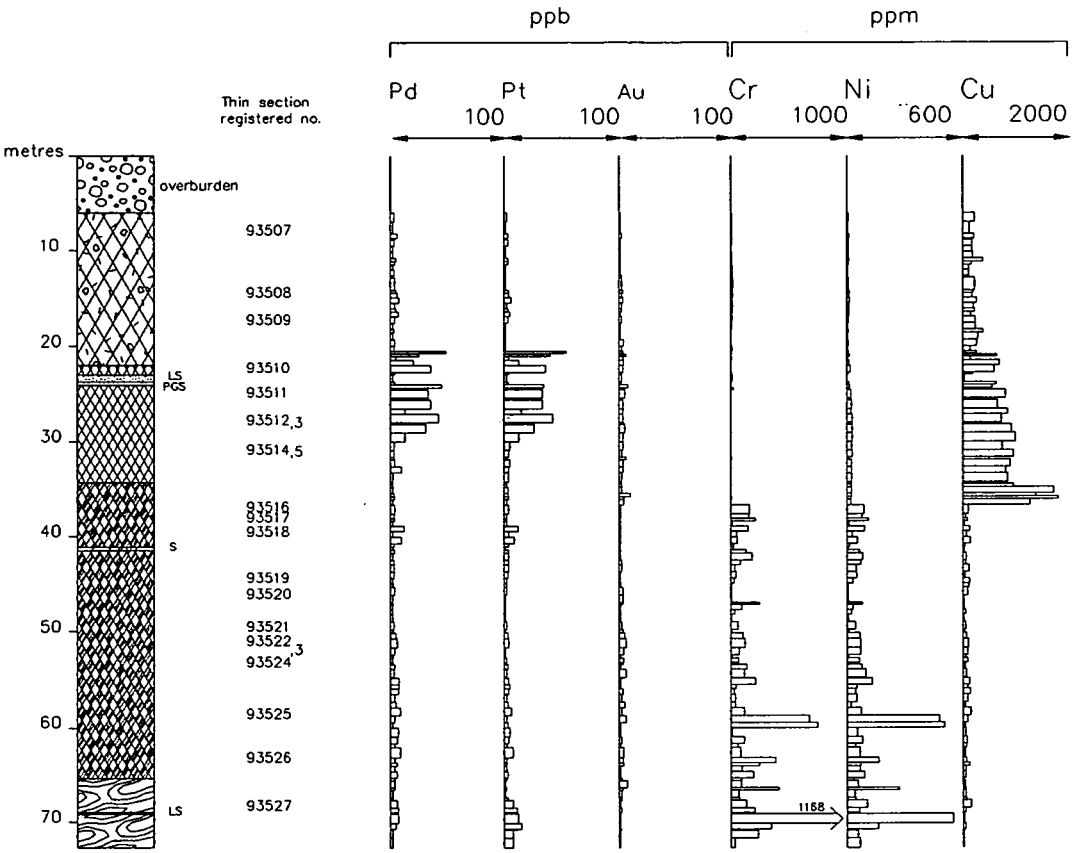
Skarn

BPS Biotite pyroxene syenite

Loch Borralan Borehole 4

Location: NC 22499 91143 Azimuth: 254° Inclination: 55°

Depth, inclined: 72.70 m. Depth, true: 59.55 m.



Pyroxene garnet syenite

Pyroxenite

Pyroxenite, amphibolitised

Skarn

s Syenite

LS Leucosyenite

Loch Borralan Borehole 1, Summary Log

1.22-14.25 m Heterogeneous complex unit, containing altered xenolithic mafic biotite pyroxene syenite with lesser garnet biotite syenite, the latter locally with cumulate or flow-aligned textures. Possibly represents a mixing zone of syenitic and pyroxenitic material, (xenoliths of pyroxenite). Locally intensely epidotised and fractured, locally sheared. Similar to sections in Borehole 2 (e.g. 8-10 m).

14.25-53.02 m Garnet +- magnetite +- amphibole pyroxenite. Textures from fine to pegmatitic. Locally very garnet rich, with extremes of "garnet rock" +- feldspar and garnet pyroxene rock. Coarse pegmatitic leucosyenite veining occurs occasionally. 41-46 m carbonate veining

Loch Borralan Borehole 2, Summary Log

0-14 m. Biotite garnet syenite with variable pyroxene content, often with pyroxene xenoliths. There may be a mixing zone of syenite and pyroxenite around 8-10 m.

14-57 m. Garnet pyroxenite with variable amounts of amphibolitised biotite and magnetite. Locally, a garnet-pyroxene rock between 40 and 54 m. Intense carbonatisation occurs from 36-57 m.

57-80 m. Biotite syenite. Some gnt close to 57 m but dying out below this. Pyroxene locally present. Phenocrystic variety occurs 69-72 m.

80-114 m. Mafic pyroxene syenite, with minor biotite.

114-116 m. Fine grained mafic material and biotite syenite.

Loch Borralan Borehole 3, Summary Log

0-8 m Overburden.

8-9.16 m Phlogopite skarn.

9.16-25.85 m Highly heterogeneous, fairly mafic pyroxene garnet syenite/ borolanite. Contains distinctive rounded pseudomorphs after feldspathoids). Locally sharp transitions into almost pyroxenitic material. Generally the appearance is of a complex admixture of feldspathic and mafic material, overprinted by garnet. Further variants include: 1. zones of fine green calc-silicate/ phlogopite skarn, overprinting everything and leaving vague relict textures, 2. pyroxene, apparently introduced along with the garnet.

25.85-46.20 m Heterogeneous garnet +- pyroxene syenite/ borolanite. Locally upgraded into more mafic, pyroxene rich sections, possibly occasionally containing skarn zones. This unit contains classic borolanite textures, e.g.40 m.

46.20-49.12 m Pyroxenite diopside +- phlogopite, skarn zone replacing syenite/ borolanite. Invaded by coarse feldspar and feldspathoid vein at 48 m.

49.12-64.30 m Metasomatised, heterogeneous mafic pyroxene garnet syenite/ feldspathic garnet pyroxenite. Feldspathoids present locally.

64.30-67.25 m Sheared, carbonatised pyroxene biotite syenite.

67.25-92.17 m Altered mafic biotite pyroxene syenite, with quartzite xenolith (74-81 m). Invaded by altered amphibole +- biotite pyroxenite. Molybdenite found on fracture surfeces. Pyroxenite locally contains quartzite and syenite xenoliths (e.g.88.52 m). Pyroxenite units are up to 3 m thick. Pink biotite syenite vein intrusion at 80.36 m.

92.17-103.6 m Heterogeneous, biotite +- amphibole/ pyroxene syenite. Locally contains quartzite xenoliths, invaded by pyroxenite and mafic syenite.

More than one phase of intrusion of mafic syenite is evidenced by its intrusive relationship with pyroxenite. A heterogeneous, complex leucocratic biotite syenite is seen invading everything.

A pink, phenocrystic/ xenocrystic syenite or feldspar porphyry occurs at c.95 m.

103.67-119.55 m Altered (metasomatised) pyroxene biotite syenite. Irregular alteration occurs adjacent to fractures and as 'blobs' and patches in the matrix. Alteration minerals include amphibole, chlorite, garnet, sphene and possibly some pink garnet. Grey phenocrystic/ xenocrystic syenite porphyry at c.106 m.

119.55-131.79 m Fairly heterogeneous, locally amphibolitised/ fenitised xenolithic biotite syenite. Xenoliths are of pyroxenite. Cross cut by pink and grey 'porphyry' units. Intense fracture veining contains molybdenite +- chalcopyrite, associated with blue amphibole veining/ networks (c.126.12 m).

Loch Borralan Borehole 4, Summary Log

0-6 m Overburden.

6-17.53 m Highly heterogeneous, very mafic, garnet and magnetite bearing pyroxene syenite/ borolanite. Locally approaches feldispathic pyroxenite and pyroxene bearing garnet syente/ borolanite. Contains a streaky deformation fabric. Possibly represents a mixing zone of pyroxenite with syenite or borolanite.

17.53-24.06 m Altered leucocratic syenite/ borolanite to garnet syenite/ borolanite, invading magnetite +- garnet pyroxenite unit. Molybdenite found at 22.96 m. Pegmatitic garnet-pyroxene-feldspar zones occur locally. Narrow shear/ mylonite zones also locally developed.

24.06-34.29 m Amphibole, sphene and garnet bearing magnetite pyroxenite. Some molybdenite and abundant chalcopyrite in occasilnal narrow shear/ mylonite zones.

34.29-72.70 m Heterogeneous, amphibolitised pyroxenite, with pervasive poikolitic to subophitic amphibole development. Local garnet +- feldspar areas, e.g. 45-49 m. Amphibolitisation increases downhole.

Between 51.70 and 72.70 m phlogopite rich skarn zones occur, with possible calc-silicate. Also occasional shear/ mylonite zones.

BRITISH GEOLOGICAL SURVEY

dti

MINERAL RECONNAISSANCE PROGRAMME

Open File Report No. 8

Loch Borralan Borehole 2

Trace Element and Precious Metal

Determinations on 203 Samples

DEPARTMENT OF TRADE AND INDUSTRY

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7201	1.58	2.58	50900	5110	241	10	1300	46500	14	5	162	95	1.0
PGD7202	2.58	2.83	59800	5060	221	30	1660	54900	20	17	182	132	2.0
PGD7203	2.83	3.62	50600	4320	210	15	1220	42400	14	6	162	90	0.0
PGD7204	3.62	4.47	32200	2830	141	17	950	31400	9	7	76	70	0.0
PGD7205	4.47	5.46	43500	3600	183	48	1500	50300	17	27	109	135	0.0
PGD7206	5.46	6.00	65100	4230	204	84	1710	65000	24	38	158	149	0.0
PGD7207	6.00	6.56	60300	4450	199	38	1480	51300	19	27	107	109	0.0
PGD7208	6.56	7.66	52400	4310	200	26	1140	42500	15	9	89	86	0.0
PGD7209	7.66	8.57	60200	4960	231	16	1310	49300	18	10	154	93	1.0
PGD7210	8.57	9.50	66000	5090	227	31	1530	56200	22	21	168	115	1.0
PGD7211	9.50	9.79	83600	5800	264	8	1870	77300	28	18	201	159	1.0
PGD7212	9.79	10.17	80300	7590	290	15	1660	75900	31	13	361	140	0.0
PGD7213	10.17	11.30	78400	7940	321	8	1670	61600	21	8	213	110	0.0
PGD7214	11.30	12.46	66600	6360	260	7	1320	54100	20	8	164	96	0.0
PGD7215	12.46	13.28	32200	2910	129	7	570	25300	9	1	69	45	0.0
PGD7216	13.28	14.22	55500	3700	174	15	740	28300	7	1	96	45	0.0
PGD7217	14.22	14.55	85500	8620	369	5	1570	57500	19	3	267	84	0.0
PGD7218	14.55	15.55	101700	7370	325	0	1650	94200	35	13	292	153	3.0
PGD7219	15.55	16.00	53700	4210	170	2	900	43200	16	4	181	68	0.0
PGD7220	16.00	16.62	113300	6850	252	0	1410	83500	38	9	561	103	0.0
PGD7221	16.62	17.25	115100	8030	299	0	1510	95900	38	6	607	115	0.0
PGD7222	17.25	18.00	121400	7210	207	0	1340	90100	43	9	362	93	3.0
PGD7223	18.00	18.73	119800	7650	204	0	1380	91200	43	11	464	106	3.0
PGD7224	18.73	18.85	90000	9930	316	3	1000	51100	13	4	63	49	0.0
PGD7225	18.85	18.96	129600	9590	288		1740	105200	44	10	222	127	0.0
PGD7226	18.96	19.07	45300	4450	207	13	750	31000	5	1	175	25	0.0
PGD7227	19.07	19.60	106900	7060	216	0	1430	83900	40	10	359	111	0.0
PGD7228	19.60	20.30	131000	16060	283	0	1340	89800	38	10	699	101	0.0
PGD7229	20.30	20.71	50200	6190	112	5	1080	33500	8	3	85	100	0.0
PGD7230	20.71	21.43	142300	27410	303	0	1310	74100	28	9	562	106	0.0
PGD7231	21.43	22.15	150500	26060	345	0	1240	77600	28	9	577	74	1.0
PGD7232	22.15	22.90	148900	28140	360	0	1270	83200	30	8	644	81	1.0
PGD7233	22.90	23.27	128500	12830	247	0	1350	92600	45	8	203	90	0.0
PGD7234	23.27	24.00	132100	8920	231	0	1260	95100	43	12	45	75	1.0
PGD7235	24.00	24.46	130500	7630	212	0	1320	78400	35	10	76	91	4.0
PGD7236	24.46	24.88	121700	8460	242	0	1390	87200	37	11	96	103	2.0
PGD7237	24.88	25.75	119700	9280	240	0	1350	86200	38	10	70	95	3.0
PGD7238	25.75	26.42	130900	18760	299	0	1490	90000	36	8	184	114	0.0
PGD7239	26.42	26.74	18100	2490	65	7	570	17100	5	1	144	65	0.0
PGD7240	26.74	27.36	129400	27570	320		1410	87100	34	11	809	94	1.0
PGD7241	27.36	27.60	75300	10650	112	3	880	34600	8	2	621	91	0.0
PGD7242	27.60	27.88	16200	3760	87	10	1040	43900	3	1	71	225	0.0
PGD7243	27.88	28.35	136000	27110	315	0	1400	82300	33	9	727	107	0.0
PGD7244	28.35	28.95	132200	26330	312	0	1300	80000	32	9	604	82	0.0
PGD7245	28.95	29.09	16500	3030	73	7	500	21400	6	1	152	47	1.0
PGD7246	29.09	29.92	137200	28260	341	0	1350	82200	33	8	526	93	3.0
PGD7247	29.92	30.31	74800	13580	221	0	1160	60400	24	5	305	103	0.0
PGD7248	30.31	30.82	124900	20020	354	0	1570	98200	42	7	717	110	0.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7249	30.82	30.96	38200	5170	149	6	890	36500	13	2	519	97	0.0
PGD7250	30.96	31.66	124200	19860	364	0	1600	93400	34	7	517	125	2.0
PGD7251	31.66	32.67	121800	19480	375	0	1580	96200	37	6	672	101	
PGD7252	32.67	33.78	127100	22420	414	0	1520	87200	35	13	905	102	
PGD7253	33.78	34.50	139200	27320	495	0	1560	92800	49	9	811	91	
PGD7254	34.50	34.59	69100	8820	289	0	1240	48000	12	3	111	106	
PGD7255	34.59	35.29	148400	27370	507	0	1510	83500	40	5	625	79	
PGD7256	35.29	36.11	142100	23480	446	0	1410	81000	37	5	506	75	
PGD7257	36.11	36.21	143500	22010	337	0	1520	54000	21	4	304	141	
PGD7258	36.21	36.42	122000	19350	410	0	1400	76800	28	5	575	86	
PGD7259	36.42	37.06	153300	23890	493	0	1340	83100	32	4	455	63	
PGD7260	37.06	37.85	146300	21430	499	0	1500	83800	33	4	642	79	
PGD7261	37.85	38.03	141200	16320	536	0	1530	70800	7	2	18	68	
PGD7262	38.03	38.17	140800	19990	597	0	1580	91500	26	4	304	90	
PGD7263	38.17	38.42	41000	5700	195	3	760	31900	8	10	55	42	
PGD7264	38.42	39.17	153300	22960	549	0	1410	84100	29	1	447	63	
PGD7265	39.17	39.85	144900	19320	527	0	1510	82700	26	4	220	79	
PGD7266	39.85	40.06	87300	7550	109	19	1060	45500	14	2	60	67	
PGD7267	40.06	40.34	133000	13250	338	5	1640	85500	28	4	107	125	
PGD7268	40.34	40.69	150400	21880	598	0	1390	82700	18	4	74	79	
PGD7269	40.69	41.30	149700	18870	595	0	1470	79600	17	4	47	65	
PGD7270	41.30	41.75	153100	17840	603	0	1600	82000	17	4	28	74	
PGD7271	41.75	42.29	154600	19260	744	0	1540	83400	16	3	182	85	
PGD7272	42.29	42.85	120000	17090	234	10	1230	74000	33	3	373	77	
PGD7273	42.85	43.28	134000	20300	558	0	1480	78600	28	7	780	139	
PGD7274	43.28	44.04	147000	23040	626		1630	84500	28	12	720	99	
PGD7275	44.04	44.89	149600	23340	542		1610	84500	34	5	618	86	
PGD7276	44.89	45.43	127000	10770	345	0	1690	64100	28	7	150	110	
PGD7277	45.43	45.49	91400	9040	205	5	910	44800	20	3	59	58	
PGD7278	45.49	45.78	138000	18800	488	0	1660	77900	31	8	291	88	
PGD7279	45.78	45.97	140600	8910	293	0	1560	57400	26	7	163	86	
PGD7280	45.97	46.28	121500	3960	251	14	1630	55700	28	8	28	93	
PGD7281	46.28	46.37	102200	7190	333	4	1000	37600	10	2	9	48	
PGD7282	46.37	46.79	127800	8170	349	0	1500	57100	15	6	11	101	
PGD7283	46.79	47.45	128500	1740	76	11	870	28400	11	7	9	72	
PGD7284	47.45	48.00	125700	2450	95	11	910	31600	10	8	9	64	
PGD7285	48.00	48.42	115800	4080	112	8	950	42700	11	9	257	62	
PGD7286	48.42	48.79	124100	5350	191	54	1450	58000	22	17	335	72	
PGD7287	48.79	49.40	137400	14890	450	7	1770	78900	26	10	213	93	
PGD7288	49.40	50.01	135500	18100	515	0	1740	81600	21	7	190	92	
PGD7289	50.01	50.32	119900	14080	521	0	1590	74700	13	3	31	75	
PGD7290	50.32	50.79	140200	21310	560	0	1790	85700	21	7	343	111	
PGD7291	50.79	51.07	135900	21950	549	0	1800	85900	28	7	480	120	
PGD7292	51.07	51.38	137600	23730	548	0	1780	89800	30	7	275	116	
PGD7293	51.38	51.78	115100	19050	419	0	1750	79100	28	7	362	119	
PGD7294	51.78	52.62	130500	19070	465	0	1790	81900	29	6	295	119	
PGD7295	52.62	53.44	136500	18830	506	0	1740	78400	23	5	65	90	
PGD7296	53.44	54.19	137500	19790	473	0	1690	75900	27	8	257	91	

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7297	54.19	54.30	102500	11100	298	23	1300	66300	22	11	257	79	
PGD7298	54.30	54.75	59200	2780	187	74	1170	44900	22	36	83	63	
PGD7299	54.75	55.19	89600	5230	381	62	1640	69000	28	30	98	102	
PGD7300	55.19	55.58	51500	3500	218	46	1140	43900	18	19	75	71	
PGD7301	55.58	56.07	88500	5190	338	48	1660	62300	26	29	52	90	
PGD7302	56.07	56.49	43700	4260	182	16	1810	49700	12	6	78	130	
PGD7303	56.49	57.13	44200	3440	159	38	2090	49800	13	13	59	181	
PGD7304	57.13	57.67	36900	3950	221	41	1570	36500	8	5	70	101	
PGD7305	57.67	57.90	60200	3820	208	171	2260	56700	20	19	85	185	
PGD7306	57.90	58.18	32600	3660	137	45	1000	22900	5	5	42	80	
PGD7307	58.18	58.70	48800	3930	250	14	2140	55700	14	6	56	172	
PGD7308	58.70	59.26	22600	2730	111	48	890	22100	4	3	91	130	
PGD7309	59.26	59.58	28800	2530	96	53	830	30400	10	11	71	65	
PGD7310	59.58	60.09	26500	2740	133	58	610	31100	12	14	72	65	
PGD7311	60.09	60.82	17100	2210	60	45	470	28000	11	10	80	55	
PGD7312	60.82	61.50	19600	2260	67	44	420	26800	11	12	77	49	
PGD7313	61.50	61.75	20100	2550	96	45	560	33200	13	21	89	63	
PGD7314	61.75	62.85	24600	3000	87	46	580	31500	13	12	32	47	
PGD7315	62.85	63.06	28800	3090	83	30	500	34800	15	11	91	59	
PGD7316	63.06	63.81	17500	3450	105	44	600	40500	16	14	35	62	
PGD7317	63.81	64.55	23100	2660	68	47	540	27800	10	12	106	61	
PGD7318	64.55	64.69	14400	3090	86	48	560	36700	17	17	127	86	
PGD7319	64.69	64.91	23400	4460	152	17	790	53400	17	11	145	164	
PGD7320	64.91	65.17	92400	1830	32	25	600	14000	5	7	156	35	
PGD7321	65.17	66.04	15500	2860	77	73	500	32200	12	11	42	50	
PGD7322	66.04	66.85	10200	3350	86	44	460	34800	14	13	84	56	
PGD7323	66.85	67.57	13900	2260	67	39	470	26900	10	8	60	48	
PGD7324	67.57	68.11	23000	2120	64	46	370	22000	9	10	139	42	
PGD7325	68.11	68.44	100600	1330	41	44	710	14700	4	7	120	40	
PGD7326	68.44	69.09	29900	2950	102	25	790	32000	12	14	79	79	
PGD7327	69.09	69.40	61200	1900	47	129	810	25000	8	13	76	69	
PGD7328	69.40	70.31	27700	2700	97	91	850	34100	12	29	53	66	
PGD7329	70.31	70.80	20500	2600	100	79	690	31500	10	27	55	69	
PGD7330	70.80	71.50	21000	2740	113	110	790	36000	13	40	68	82	
PGD7331	71.50	71.75	24800	4380	163	25	1250	51700	16	12	44	136	
PGD7332	71.75	72.40	25500	2780	101	89	900	37500	13	29	67	71	
PGD7333	72.40	72.52	7500	930	48	55	420	16900	3	4	31	56	
PGD7334	72.52	72.80	24900	2320	69	45	630	28700	11	10	54	58	
PGD7335	72.80	73.08	6100	1300	52	28	430	17000	3	3	29	76	
PGD7336	73.08	74.15	15400	4030	98	31	560	34800	15	13	82	75	
PGD7337	74.15	74.40	13200	2510	79	27	730	28000	10	10	58	60	
PGD7338	74.40	74.80	16400	3060	86	51	640	31700	16	17	109	64	
PGD7339	74.80	75.55	33000	3770	149	152	1090	49200	23	51	59	68	
PGD7340	75.55	76.55	42400	4220	190	195	1330	58300	27	73	62	84	
PGD7341	76.55	77.50	20800	2610	96	101	580	32500	14	25	61	54	
PGD7342	77.50	78.20	17800	2110	88	94	460	26500	10	10	68	47	
PGD7343	78.20	79.00	20300	2340	76	100	450	27500	12	13	41	45	
PGD7344	79.00	80.00	23200	2960	89	124	590	34100	15	20	67	62	

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7345	80.00	80.29	42000	4250	184	251	1170	56500	26	89	54	111	
PGD7346	80.29	80.50	43100	3840	201	193	1140	43900	18	64	23	121	
PGD7347	80.50	80.70	159300	3520	101	119	1610	46400	6	44	14	92	
PGD7348	80.70	81.13	41800	4230	177	132	1090	47600	24	55	126	111	
PGD7349	81.13	82.37	46400	4890	195	175	1260	59100	27	78	92	90	
PGD7350	82.37	82.59	29900	3510	116	28	1210	42500	10	4	22	81	
PGD7351	82.59	82.84	51800	4360	237	175	1430	55600	18	63	55	115	
PGD7352	82.84	83.74	55300	4370	237	228	1390	65500	30	91	88	86	
PGD7353	83.74	84.52	46800	4160	218	194	1270	59100	26	84	144	111	
PGD7354	84.52	84.70	44600	3970	167	196	1020	49700	25	65	88	121	
PGD7355	84.70	84.98	243400	310	26	33	1150	15900	1	17	7	43	
PGD7356	84.98	85.30	149300	830	50	74	1050	17400	4	17	19	49	
PGD7357	85.30	86.00	48200	4640	228	181	1390	65200	29	82	92	87	
PGD7358	86.00	87.00	45400	4410	214	163	1240	60400	27	71	110	97	
PGD7359	87.00	87.81	7100	2610	64	105	410	31200	10	11	54	55	
PGD7360	87.81	88.48	8400	2410	58	142	450	32100	11	15	21	47	
PGD7361	88.48	88.86	9100	2490	60	150	430	31800	12	15	15	46	
PGD7362	88.86	89.70	11200	3090	86	105	550	36100	13	18	49	68	
PGD7363	89.70	90.64	5400	2170	74	160	340	25900	9	13	193	45	
PGD7364	90.64	91.30	13500	3510	117	129	670	46100	20	34	242	76	
PGD7365	91.30	92.18	43800	4620	230	247	1450	72500	33	98	90	82	
PGD7366	92.18	92.36	16400	3150	109	46	470	35900	13	17	91	38	
PGD7367	92.36	93.21	50600	5280	253	254	1460	73400	34	96	159	82	
PGD7368	93.21	94.12	50400	5390	253	245	1420	74200	33	97	115	81	
PGD7369	94.12	94.98	46100	5380	247	240	1420	73800	34	94	84	83	
PGD7370	94.98	96.02	50300	5340	246	244	1400	73300	32	95	96	80	
PGD7371	96.02	96.81	43300	5200	238	228	1400	71600	31	86	164	87	
PGD7372	96.81	97.02	24300	3090	116	121	1000	37700	14	27	76	67	
PGD7373	97.02	98.02	51900	5380	251	242	1410	73900	34	99	138	82	
PGD7374	98.02	99.19	50900	5230	244	239	1380	71500	33	91	74	69	
PGD7375	99.19	100.20	41800	5200	246	251	1440	73800	33	101	164	90	
PGD7376	100.20	100.81	12000	2620	67	153	410	25200	9	17	62	27	
PGD7377	100.81	100.95	32700	5800	248	353	1370	77500	34	124	49	107	
PGD7378	100.95	101.52	19600	3750	110	179	690	40500	16	31	118	45	
PGD7379	101.52	102.05	33200	5760	264	241	1350	73400	32	99	121	90	
PGD7380	102.05	102.68	18800	1750	107	256	1050	38500	26	55	203	55	
PGD7381	102.68	103.77	36700	5370	241	228	1350	69900	32	86	124	95	
PGD7382	103.77	103.90	35300	1240	232	176	1360	38000	10	39	1876	171	
PGD7383	103.90	104.63	36000	5670	277	268	1500	74500	30	91	253	98	
PGD7384	104.63	104.93	49800	7200	288	266	1500	80000	39	105	336	94	
PGD7385	104.93	105.94	48600	5060	243	271	1370	72200	34	101	146	77	
PGD7386	105.94	106.90	47600	4680	232	247	1350	69600	32	97	121	66	
PGD7387	106.90	108.05	47800	4800	236	223	1350	69900	34	94	123	67	
PGD7388	108.05	108.65	50000	4770	232	232	1360	71900	33	99	86	76	
PGD7389	108.65	109.39	43300	4200	219	217	1340	69300	30	90	101	78	
PGD7390	109.39	109.72	21600	1900	107	110	770	29200	14	125	363	173	
PGD7391	109.72	110.89	41100	4930	232	203	1320	67600	31	88	133	85	
PGD7392	110.89	112.01	46500	5020	231	205	1280	68600	30	88	131	81	

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7393	112.01	113.00	47500	4940	225	198	1260	67600	30	81	136	71	
PGD7394	113.00	113.13	9300	2590	89	55	300	24600	11	12	58	16	
PGD7395	113.13	113.81	42700	4980	225	321	1360	72300	34	124	138	105	
PGD7396	113.81	114.02	16500	3340	108	72	810	43500	23	35	147	68	
PGD7397	114.02	114.45	3500	50	16	1	110	3800	3	15	386	65	
PGD7398	114.45	114.73	6800	1460	21	35	520	14500	3	4	9	106	
PGD7399	114.73	115.31	23800	3070	83	93	770	38100	15	17	34	64	
PGD7400	115.31	115.55	2500	0	8	0	50	1400	2	11	428	53	
PGD7401	115.55	115.98	21900	2860	76	107	530	33500	14	19	46	44	
PGD7402	115.98	116.17	61500	10770	251	456	1550	92900	49	314	81	129	
PGD7403	116.17	116.84	15900	2760	70	115	450	32700	14	15	77	47	

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7201	1.58	2.58	128	2956	62	551	12	6.0	4.000	0	0.0	4589
PGD7202	2.58	2.83	126	2239	51	442	10	6.0	4.000	1	0.0	2773
PGD7203	2.83	3.62	133	3200	54	472	9	9.0	3.000	0	0.0	4354
PGD7204	3.62	4.47	195	1967	31	310	7	4.0	4.000	0	0.0	5769
PGD7205	4.47	5.46	178	1512	40	324	8	3.0	3.000	0	0.0	3471
PGD7206	5.46	6.00	128	1472	37	312	9	6.0	4.000	2	0.0	1669
PGD7207	6.00	6.56	144	1704	54	380	7	3.0	5.000	0	0.0	2078
PGD7208	6.56	7.66	188	2614	52	426	7	5.0	3.000	0	0.0	3505
PGD7209	7.66	8.57	202	2615	74	477	5	4.0	4.000	1	0.0	1976
PGD7210	8.57	9.50	134	1790	71	435	8	4.0	5.000	0	0.0	2855
PGD7211	9.50	9.79	95	1244	59	458	10	6.0	6.000	0	0.0	1154
PGD7212	9.79	10.17	88	956	107	556	10	1.0	5.000	1	0.0	1430
PGD7213	10.17	11.30	125	1508	130	772	11	1.0	5.000	1	0.0	3058
PGD7214	11.30	12.46	120	1957	88	613	10	1.0	4.000	0	0.0	5101
PGD7215	12.46	13.28	180	3462	23	321	8	6.0	3.000	0	0.0	9480
PGD7216	13.28	14.22	136	3492	43	489	7	8.0	3.000	0	0.0	9526
PGD7217	14.22	14.55	80	2912	101	963	11	4.0	4.000	3	0.0	2875
PGD7218	14.55	15.55	73	1481	68	418	7	2.0	7.000	2	0.0	1382
PGD7219	15.55	16.00	130	2298	39	407	7	4.0	5.000	0	0.0	9519
PGD7220	16.00	16.62	55	1043	72	361	5	2.0	6.000	1	0.0	633
PGD7221	16.62	17.25	54	1098	90	419	4	2.0	9.000	1	0.0	791
PGD7222	17.25	18.00	41	1004	77	202	3	1.0	7.000	1	0.0	590
PGD7223	18.00	18.73	44	998	91	246	2	3.0	7.000	0	0.0	392
PGD7224	18.73	18.85	113	1220	152	1068	8	3.0	6.000	4	0.0	6873
PGD7225	18.85	18.96	17	1343	148	442	4	2.0	6.000	4	0.0	260
PGD7226	18.96	19.07	176	2092	52	739	12	2.0	5.000	0	0.0	12608
PGD7227	19.07	19.60	62	1285	77	273	6	5.0	5.000	0	0.0	1409
PGD7228	19.60	20.30	50	1066	422	1423	9	0.0	6.000	12	0.0	362
PGD7229	20.30	20.71	122	1055	47	2124	48	0.0	3.000	0	0.0	2221
PGD7230	20.71	21.43	44	681	696	2955	29		5.000	17	0.0	307
PGD7231	21.43	22.15	31	656	762	2788	12	0.0	6.000	17	0.0	345
PGD7232	22.15	22.90	35	575	805	2929	12	0.0	8.000	17	0.0	466
PGD7233	22.90	23.27	32	835	235	874	6	2.0	6.000	5	0.0	337
PGD7234	23.27	24.00	18	942	85	257	2	4.0	7.000	2	0.0	262
PGD7235	24.00	24.46	32	1183	110	407	4	4.0	4.000	1	0.0	298
PGD7236	24.46	24.88	40	1110	120	420	7	0.0	6.000	1	0.0	498
PGD7237	24.88	25.75	44	1085	141	481	6	0.0	6.000	1	0.0	767
PGD7238	25.75	26.42	42	898	222	764	14	5.0	5.000	5	0.0	526
PGD7239	26.42	26.74	160	1784	23	961	33	0.0	2.000	0	0.0	3505
PGD7240	26.74	27.36	49	758	309	1089	19	0.0	6.000	7	0.0	636
PGD7241	27.36	27.60	128	1008	122	3136	82	0.0	4.000	2	0.0	590
PGD7242	27.60	27.88	146	742	42	1669	61	0.0	3.000	0	0.0	423
PGD7243	27.88	28.35	45	660	986	3371	17		5.000	23	0.0	407
PGD7244	28.35	28.95	39	727	904	3237	13		6.000	21	0.0	554
PGD7245	28.95	29.09	145	2012	82	780	21	0.0	2.000	0	0.0	1636
PGD7246	29.09	29.92	38	642	912	3396	14	0.0	6.000	22	0.0	539
PGD7247	29.92	30.31	85	949	333	1865	25	0.0	4.000	7	0.0	1225
PGD7248	30.31	30.82	39	723	420	1761	11	0.0	8.000	12	0.0	539

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7249	30.82	30.96	100	1842	90	643	11	0.0	4.000	0	0.0	1690
PGD7250	30.96	31.66	38	778	379	1843	17	0.0	7.000	9	0.0	423
PGD7251	31.66	32.67	36	744	331	1635	10	0.0	6.000	9	0.0	565
PGD7252	32.67	33.78	43	749	537	1971	13	0.0	6.000	12	0.0	612
PGD7253	33.78	34.50	39	645	742	2283	15	1.0	7.000	15	0.0	440
PGD7254	34.50	34.59	92	1920	158	1107	22	3.0	4.000	3	0.0	3275
PGD7255	34.59	35.29	36	851	640	2423	17	0.0	7.000	14	0.0	438
PGD7256	35.29	36.11	36	893	469	2321	15	0.0	4.000	12	0.0	497
PGD7257	36.11	36.21	73	2253	296	2083	75	2.0	6.000	10	0.0	629
PGD7258	36.21	36.42	55	1470	358	1883	11	3.0	4.000	8	0.0	683
PGD7259	36.42	37.06	29	882	406	2288	10	0.0	6.000	12	0.0	302
PGD7260	37.06	37.85	42	986	323	2074	13	0.0	7.000	9	0.0	481
PGD7261	37.85	38.03	49	1241	227	1770	23	1.0	5.000	8	0.0	569
PGD7262	38.03	38.17	38	1316	277	1779	13	0.0	6.000	8	0.0	544
PGD7263	38.17	38.42	90	1723	64	583	9	0.0	2.000	0	0.0	5902
PGD7264	38.42	39.17	39	895	341	2272	10	0.0	7.000	11	0.0	393
PGD7265	39.17	39.85	44	1067	350	1969	11	1.0	6.000	9	0.0	289
PGD7266	39.85	40.06	37	1215	101	724	14	7.0	3.000	0	0.0	329
PGD7267	40.06	40.34	68	1809	193	1216	17	2.0	7.000	7	0.0	265
PGD7268	40.34	40.69	32	1661	329	2156	13	2.0	6.000	9	0.0	298
PGD7269	40.69	41.30	45	1053	250	1867	12	1.0	4.000	9	0.0	329
PGD7270	41.30	41.75	51	1222	220	1696	8	0.0	5.000	8	0.0	287
PGD7271	41.75	42.29	57	1454	338	1824	12	2.0	6.000	11	0.0	307
PGD7272	42.29	42.85	50	1307	255	1637	16	1.0	6.000	9	0.0	158
PGD7273	42.85	43.28	86	1417	384	1859	13	0.0	6.000	10	0.0	339
PGD7274	43.28	44.04	66	1238	645	1814	12	0.0	5.000	10	0.0	355
PGD7275	44.04	44.89	60	1183	563	1955	11	0.0	6.000	13	0.0	328
PGD7276	44.89	45.43	111	1111	214	974	11	8.0	4.000	4	0.0	677
PGD7277	45.43	45.49	33	1154	161	2230	47		4.000	4	0.0	231
PGD7278	45.49	45.78	47	914	431	1692	12	0.0	5.000	8	0.0	424
PGD7279	45.78	45.97	97	1361	177	790	6	0.0	5.000	4	0.0	405
PGD7280	45.97	46.28	95	1141	13	230	4	1.0	5.000	1	0.0	359
PGD7281	46.28	46.37	43	975	102	878	35	0.0	3.000	0	0.0	467
PGD7282	46.37	46.79	116	1127	147	891	11	2.0	5.000	4	0.0	267
PGD7283	46.79	47.45	87	677	12	132	4	4.0	4.000	0	0.0	201
PGD7284	47.45	48.00	100	947	14	189	4	4.0	3.000	0	0.0	333
PGD7285	48.00	48.42	68	727	19	231	5	3.0	4.000	0	0.0	704
PGD7286	48.42	48.79	75	943	41	338	5	1.0	4.000	3	0.0	517
PGD7287	48.79	49.40	70	893	219	1407	10	0.0	6.000	6	0.0	450
PGD7288	49.40	50.01	69	924	277	1731	12	0.0	6.000	7	0.0	456
PGD7289	50.01	50.32	65	1137	189	1483	12	0.0	6.000	7	0.0	1460
PGD7290	50.32	50.79	60	754	388	2088	16	0.0	6.000	11	0.0	372
PGD7291	50.79	51.07	61	950	457	2092	20	0.0	6.000	11	0.0	376
PGD7292	51.07	51.38	57	607	581	2275	14	0.0	8.000	13	0.0	494
PGD7293	51.38	51.78	77	902	466	1757	44	0.0	6.000	8	0.0	313
PGD7294	51.78	52.62	74	1192	514	1744	24	0.0	7.000	11	0.0	635
PGD7295	52.62	53.44	65	779	441	1827	13	0.0	6.000	9	0.0	440
PGD7296	53.44	54.19	67	802	520	1848	15	0.0	5.000	11	0.0	424

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7297	54.19	54.30	112	868	144	1270	32	536.0	4.000	5	0.0	249
PGD7298	54.30	54.75	394	680	12	242	3	3.0	4.000	1	0.0	845
PGD7299	54.75	55.19	218	697	24	520	14	4.0	6.000	1	0.0	693
PGD7300	55.19	55.58	202	1847	20	379	12	3.0	5.000	1	0.0	5067
PGD7301	55.58	56.07	190	651	48	447	7	3.0	5.000	2	0.0	677
PGD7302	56.07	56.49	106	1941	26	161	25	0.0	4.000	0	0.0	2291
PGD7303	56.49	57.13	95	3151	16	219	26	5.0	4.000	0	0.0	1861
PGD7304	57.13	57.67	79	2585	14	130	32	6.0	2.000	0	0.0	1907
PGD7305	57.67	57.90	134	1124	18	143	15	4.0	3.000	0	0.0	442
PGD7306	57.90	58.18	71	8425	7	60	36	1.0	3.000	0	0.0	6183
PGD7307	58.18	58.70	77	2416	17	142	27	5.0	2.000	0	0.0	1341
PGD7308	58.70	59.26	84	1822	9	256	34	18.0	2.000	0	0.0	1683
PGD7309	59.26	59.58	47	861	22	245	16	13.0	1.000	0	0.0	999
PGD7310	59.58	60.09	54	787	10	118	5	9.0	1.000	0	0.0	836
PGD7311	60.09	60.82	72	611	8	150	6	6.0	0.000	0	0.0	702
PGD7312	60.82	61.50	84	669	9	186	7	48.0	1.000	0	0.0	842
PGD7313	61.50	61.75	70	703	10	114	5	686.0	1.000	0	0.0	781
PGD7314	61.75	62.85	25	589	7	133	6	95.0	0.000	0	0.0	505
PGD7315	62.85	63.06	24	837	12	161	6	55.0	1.000	0	0.0	355
PGD7316	63.06	63.81	44	816	8	122	5	6.0	2.000	0	0.0	986
PGD7317	63.81	64.55	86	1173	20	185	11	271.0	2.000	0	0.0	2507
PGD7318	64.55	64.69	101	1223	10	88	5	3.0	1.000	0	0.0	1502
PGD7319	64.69	64.91	155	1881	34	264	15	13.0	3.000	0	0.0	2944
PGD7320	64.91	65.17	111	1874	23	91	12	620.0	15.000	0	0.0	1909
PGD7321	65.17	66.04	40	547	7	174	5	13.0	2.000	0	0.0	800
PGD7322	66.04	66.85	52	690	7	171	7	5.0	1.000	0	0.0	1059
PGD7323	66.85	67.57	53	1000	9	194	6	7.0	1.000	0	0.0	1282
PGD7324	67.57	68.11	94	1010	11	123	8	22.0	2.000	0	0.0	1602
PGD7325	68.11	68.44	112	2083	34	115	13	851.0	2.000	0	0.0	1605
PGD7326	68.44	69.09	99	1991	30	221	18	16.0	2.000	0	0.0	2625
PGD7327	69.09	69.40	105	1300	32	160	13	46.0	3.000	0	0.0	1899
PGD7328	69.40	70.31	49	1468	21	239	12	2.0	1.000	0	0.0	1599
PGD7329	70.31	70.80	92	1424	21	254	12	3.0	3.000	0	0.0	2101
PGD7330	70.80	71.50	92	1277	22	220	12	3.0	1.000	0	0.0	1707
PGD7331	71.50	71.75	87	1525	33	282	14	3.0	2.000	7	0.0	2021
PGD7332	71.75	72.40	55	1169	20	249	13	2.0	1.000	3	0.0	1584
PGD7333	72.40	72.52	117	1429	3	376	14	3.0	1.000	0	0.0	2288
PGD7334	72.52	72.80	36	785	11	147	6	6.0	2.000	0	0.0	866
PGD7335	72.80	73.08	100	805	5	328	22	3.0	1.000	0	0.0	1214
PGD7336	73.08	74.15	48	738	45	258	4	40.0	2.000	0	0.0	866
PGD7337	74.15	74.40	37	655	6	160	5	135.0	1.000	0	0.0	1136
PGD7338	74.40	74.80	49	888	8	106	6	7.0	1.000	0	0.0	1046
PGD7339	74.80	75.55	26	1012	18	175	10	12.0	1.000	0	0.0	1037
PGD7340	75.55	76.55	26	984	18	164	11	4.0	2.000	0	0.0	1013
PGD7341	76.55	77.50	55	914	9	105	5	36.0	1.000	0	0.0	965
PGD7342	77.50	78.20	42	719	7	90	4	57.0	1.000	0	0.0	678
PGD7343	78.20	79.00	37	672	8	90	3	13.0	0.000	0	0.0	518
PGD7344	79.00	80.00	60	909	11	111	6	10.0	0.000	0	0.0	703

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7345	80.00	80.29	71	603	14	82	8	3.0	1.000	0	0.0	287
PGD7346	80.29	80.50	92	375	21	77	14	2.0	2.000	0	0.0	432
PGD7347	80.50	80.70	71	2160	177	68	24	0.0	4.000	0	0.0	244
PGD7348	80.70	81.13	79	800	22	154	13	4.0	2.000	0	0.0	774
PGD7349	81.13	82.37	39	1226	20	147	13	6.0	3.000	0	0.0	945
PGD7350	82.37	82.59	37	2136	34	359	17	3.0	2.000	0	0.0	1807
PGD7351	82.59	82.84	48	962	30	91	18	82.0	3.000	0	0.0	828
PGD7352	82.84	83.74	35	741	14	64	9	4.0	3.000	0	0.0	581
PGD7353	83.74	84.52	92	952	14	64	12	47.0	2.000	0	0.0	907
PGD7354	84.52	84.70	99	670	23	70	15	98.0	3.000	0	0.0	565
PGD7355	84.70	84.98	50	2733	61	30	3	127.0	4.000	0	0.0	191
PGD7356	84.98	85.30	81	1770	44	20	6	124.0	4.000	0	0.0	458
PGD7357	85.30	86.00	40	924	14	66	11	6.0	2.000	0	0.0	811
PGD7358	86.00	87.00	49	1011	16	101	11	11.0	2.000	0	0.0	717
PGD7359	87.00	87.81	54	623	6	110	5	7.0	1.000	0	0.0	723
PGD7360	87.81	88.48	37	589	5	148	5	8.0	0.000	0	0.0	630
PGD7361	88.48	88.86	41	556	5	119	4	10.0	1.000	0	0.0	498
PGD7362	88.86	89.70	56	815	10	123	6	5.0	2.000	0	0.0	876
PGD7363	89.70	90.64	58	1009	7	110	4	17.0	2.000	0	0.0	1760
PGD7364	90.64	91.30	53	1474	10	98	5	9.0	0.000	0	0.0	1532
PGD7365	91.30	92.18	28	728	15	65	9	0.0	3.000	0	0.0	841
PGD7366	92.18	92.36	50	1259	14	337	8	2.0	2.000	0	0.0	2655
PGD7367	92.36	93.21	26	582	16	77	11	3.0	2.000	0	0.0	615
PGD7368	93.21	94.12	24	394	17	78	11	3.0	3.000	0	0.0	492
PGD7369	94.12	94.98	21	470	16	79	11	12.0	3.000	0	0.0	578
PGD7370	94.98	96.02	29	558	16	78	10	5.0	3.000	0	0.0	488
PGD7371	96.02	96.81	26	745	18	102	12	4.0	4.000	0	0.0	768
PGD7372	96.81	97.02	38	1730	25	269	15	4.0	1.000	0	0.0	1811
PGD7373	97.02	98.02	19	550	17	73	13	5.0	2.000	0	0.0	353
PGD7374	98.02	99.19	18	379	16	74	11	3.0	4.000	0	0.0	240
PGD7375	99.19	100.20	21	518	16	69	10	8.0	2.000	0	0.0	465
PGD7376	100.20	100.81	29	580	6	165	4	21.0	0.000	0	0.0	816
PGD7377	100.81	100.95	46	677	15	69	10	5.0	3.000	0	0.0	1766
PGD7378	100.95	101.52	39	584	12	154	6	10.0	1.000	0	0.0	808
PGD7379	101.52	102.05	39	833	17	76	12	8.0	4.000	0	0.0	1609
PGD7380	102.05	102.68	20	660	12	50	5	15.0	3.000	0	0.0	751
PGD7381	102.68	103.77	33	992	16	79	11	5.0	3.000	0	0.0	1245
PGD7382	103.77	103.90			60		7	25.0	13.000	1	0.0	3363
PGD7383	103.90	104.63	39	1147	20	74	12	8.0	2.000	0	0.0	1411
PGD7384	104.63	104.93	22	2974	22	77	15	5.0	4.000	0	0.0	901
PGD7385	104.93	105.94	19	861	16	72	10	8.0	4.000	0	0.0	703
PGD7386	105.94	106.90	18	664	14	65	9	5.0	3.000	0	0.0	468
PGD7387	106.90	108.05	30	775	15	66	10	9.0	4.000	0	0.0	487
PGD7388	108.05	108.65	26	2094	15	62	10	6.0	2.000	0	0.0	932
PGD7389	108.65	109.39	26	1182	14	63	10	5.0	3.000	0	0.0	861
PGD7390	109.39	109.72			22	1852	17	9.0	11.000	3	0.0	4219
PGD7391	109.72	110.89	15	7280	16	48	10	7.0	4.000	0	0.0	1007
PGD7392	110.89	112.01	16	6871	17	53	11	7.0	3.000	0	0.0	947

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7393	112.01	113.00	27	1085	16	84	11	9.0	3.000	0	0.0	1664
PGD7394	113.00	113.13	13	1028	27	478	16	11.0	0.000	0	0.0	368
PGD7395	113.13	113.81	19	3053	18	74	10	6.0	4.000	0	0.0	1393
PGD7396	113.81	114.02	18	5846	17	107	6	5.0	2.000	0	0.0	734
PGD7397	114.02	114.45			22	10922	24		16.000	5	0.0	6357
PGD7398	114.45	114.73	97	3609	13	1047	51	0.0	0.000	0	0.0	194
PGD7399	114.73	115.31	26	1882	9	142	5	7.0	1.000	0	0.0	475
PGD7400	115.31	115.55			3	9764	26		16.000	1	0.0	5859
PGD7401	115.55	115.98	22	3271	12	129	4	9.0	1.000	0	0.0	610
PGD7402	115.98	116.17	8	2965	19	148	22	4.0	5.000	2	0.0	281
PGD7403	116.17	116.84	22	4476	9	82	5	8.0	2.000	0	0.0	530

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7201	1.58	2.58	75	251	3	20	2.0	19	4.000
PGD7202	2.58	2.83	83	265	1	75	0.0	20	5.000
PGD7203	2.83	3.62	73	234	1	40	0.0	19	3.000
PGD7204	3.62	4.47	48	149	2	9	0.0	12	4.000
PGD7205	4.47	5.46	69	203	0	16	0.0	13	4.000
PGD7206	5.46	6.00	81	244	1	8	0.0	14	5.000
PGD7207	6.00	6.56	104	307	0	18	0.0	16	3.000
PGD7208	6.56	7.66	72	226	0	8	0.0	14	2.000
PGD7209	7.66	8.57	76	232	2	9	0.0	17	2.000
PGD7210	8.57	9.50	102	278	0	23	0.0	19	4.000
PGD7211	9.50	9.79	122	357	0	28	0.0	19	2.000
PGD7212	9.79	10.17	93	301	3	15	0.0	15	4.000
PGD7213	10.17	11.30	91	310	3	12	0.0	20	7.000
PGD7214	11.30	12.46	82	279	3	8	1.0	20	6.000
PGD7215	12.46	13.28	29	90	0	18	1.0	11	3.000
PGD7216	13.28	14.22	31	124	0	16	0.0	15	2.000
PGD7217	14.22	14.55	79	310	0	10	2.0	25	10.000
PGD7218	14.55	15.55	123	375	1	17	0.0	20	5.000
PGD7219	15.55	16.00	53	176	0	22	1.0	15	3.000
PGD7220	16.00	16.62	104	323	1	37	1.0	17	6.000
PGD7221	16.62	17.25	115	366	1	43	0.0	17	5.000
PGD7222	17.25	18.00	106	346	0	14	0.0	16	4.000
PGD7223	18.00	18.73	113	381	3	15	1.0	19	4.000
PGD7224	18.73	18.85	56	233	4	17	0.0	19	7.000
PGD7225	18.85	18.96	171	524	2	7	0.0	23	6.000
PGD7226	18.96	19.07	32	129	0	31	0.0	22	10.000
PGD7227	19.07	19.60	126	385	0	18	3.0	18	3.000
PGD7228	19.60	20.30	116	410	13	24	2.0	21	7.000
PGD7229	20.30	20.71	58	156	0	29	1.0	102	23.000
PGD7230	20.71	21.43	120	498	21	26	2.0	31	13.000
PGD7231	21.43	22.15	91	411	21	29	1.0	23	10.000
PGD7232	22.15	22.90	88	404	24	32	1.0	24	12.000
PGD7233	22.90	23.27	97	335	5	7	0.0	16	4.000
PGD7234	23.27	24.00	95	312	0	1	2.0	12	3.000
PGD7235	24.00	24.46	122	397	0	6	0.0	16	5.000
PGD7236	24.46	24.88	119	382	0	12	0.0	18	4.000
PGD7237	24.88	25.75	104	342	1	9	2.0	14	4.000
PGD7238	25.75	26.42	165	687	2	16	0.0	49	10.000
PGD7239	26.42	26.74	41	101	0	36	2.0	30	16.000
PGD7240	26.74	27.36	201	914	8	27	1.0	70	10.000
PGD7241	27.36	27.60	121	365	2	150	3.0	33	45.000
PGD7242	27.60	27.88	148	278	0	146	3.0	65	38.000
PGD7243	27.88	28.35	95	403	34	23	3.0	27	11.000
PGD7244	28.35	28.95	82	355	32	29	2.0	24	9.000
PGD7245	28.95	29.09	51	112	3	74	0.0	45	13.000
PGD7246	29.09	29.92	87	375	31	36	0.0	26	11.000
PGD7247	29.92	30.31	73	251	9	90	2.0	32	13.000
PGD7248	30.31	30.82	89	332	12	41	2.0	21	8.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7249	30.82	30.96	44	138	2	195	2.0	33	11.000
PGD7250	30.96	31.66	96	370	10	86	1.0	29	13.000
PGD7251	31.66	32.67	85	348		35		20	9.000
PGD7252	32.67	33.78	90	387		64		27	11.000
PGD7253	33.78	34.50	93	435		13		29	13.000
PGD7254	34.50	34.59	80	272		231		31	16.000
PGD7255	34.59	35.29	93	463		18		26	14.000
PGD7256	35.29	36.11	103	465		7		29	10.000
PGD7257	36.11	36.21	156	601		53		34	14.000
PGD7258	36.21	36.42	95	354		53		25	10.000
PGD7259	36.42	37.06	105	467		8		28	13.000
PGD7260	37.06	37.85	109	469		13		28	12.000
PGD7261	37.85	38.03	142	567		18		38	17.000
PGD7262	38.03	38.17	179	661		21		34	12.000
PGD7263	38.17	38.42	46	140		35		18	6.000
PGD7264	38.42	39.17	86	428		9		28	11.000
PGD7265	39.17	39.85	100	432		13		28	14.000
PGD7266	39.85	40.06	86	271		47		16	7.000
PGD7267	40.06	40.34	111	454		94		24	19.000
PGD7268	40.34	40.69	96	424		39		28	13.000
PGD7269	40.69	41.30	99	452		12		26	11.000
PGD7270	41.30	41.75	89	406		17		22	10.000
PGD7271	41.75	42.29	86	373		106		25	15.000
PGD7272	42.29	42.85	85	338		125		27	13.000
PGD7273	42.85	43.28	83	346		202		22	15.000
PGD7274	43.28	44.04	87	390		127		22	8.000
PGD7275	44.04	44.89	83	370		42		20	10.000
PGD7276	44.89	45.43	66	241		43		21	8.000
PGD7277	45.43	45.49	739	1764		336		254	35.000
PGD7278	45.49	45.78	106	433		30		26	11.000
PGD7279	45.78	45.97	58	237		15		14	4.000
PGD7280	45.97	46.28	30	90		7		5	1.000
PGD7281	46.28	46.37	238	553		14		74	14.000
PGD7282	46.37	46.79	85	288		15		20	6.000
PGD7283	46.79	47.45	23	63		4		2	1.000
PGD7284	47.45	48.00	20	60		3		3	0.000
PGD7285	48.00	48.42	26	88		8		4	1.000
PGD7286	48.42	48.79	80	259		18		21	5.000
PGD7287	48.79	49.40	109	427		18		24	8.000
PGD7288	49.40	50.01	103	430		22		24	10.000
PGD7289	50.01	50.32	83	378		14		22	13.000
PGD7290	50.32	50.79	101	453		35		27	11.000
PGD7291	50.79	51.07	112	478		73		31	18.000
PGD7292	51.07	51.38	102	480		32		26	11.000
PGD7293	51.38	51.78	208	683		50		38	16.000
PGD7294	51.78	52.62	103	443		31		22	9.000
PGD7295	52.62	53.44	108	490		16		24	8.000
PGD7296	53.44	54.19	112	492		23		26	13.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7297	54.19	54.30	130	446		112		36	14.000
PGD7298	54.30	54.75	50	161		3		8	3.000
PGD7299	54.75	55.19	72	268		58		13	7.000
PGD7300	55.19	55.58	50	154		41		12	5.000
PGD7301	55.58	56.07	87	282		15		13	5.000
PGD7302	56.07	56.49	136	355		14		18	6.000
PGD7303	56.49	57.13	120	297		36		20	7.000
PGD7304	57.13	57.67	112	276		45		14	4.000
PGD7305	57.67	57.90	74	181		36		7	3.000
PGD7306	57.90	58.18	67	187		13		10	0.000
PGD7307	58.18	58.70	150	364		18		18	2.000
PGD7308	58.70	59.26	72	184		130		18	7.000
PGD7309	59.26	59.58	82	162		57		31	7.000
PGD7310	59.58	60.09	32	64		16		2	1.000
PGD7311	60.09	60.82	33	60		25		7	4.000
PGD7312	60.82	61.50	29	56		23		9	5.000
PGD7313	61.50	61.75	32	64		20		5	1.000
PGD7314	61.75	62.85	29	46		17		4	0.000
PGD7315	62.85	63.06	54	90		21		5	2.000
PGD7316	63.06	63.81	35	51		27		3	1.000
PGD7317	63.81	64.55	52	126		75		9	7.000
PGD7318	64.55	64.69	31	59		41		1	2.000
PGD7319	64.69	64.91	72	186		42		24	10.000
PGD7320	64.91	65.17	60	151		2552		26	18.000
PGD7321	65.17	66.04	28	52		17		3	1.000
PGD7322	66.04	66.85	28	51		25		2	2.000
PGD7323	66.85	67.57	50	85		33		8	1.000
PGD7324	67.57	68.11	28	71		42		4	5.000
PGD7325	68.11	68.44	49	150		47		9	19.000
PGD7326	68.44	69.09	75	193		63		19	7.000
PGD7327	69.09	69.40	84	209		55		13	23.000
PGD7328	69.40	70.31	69	136		28		14	1.000
PGD7329	70.31	70.80	61	143		21		13	4.000
PGD7330	70.80	71.50	58	135		23		12	5.000
PGD7331	71.50	71.75	88	197		22		25	7.000
PGD7332	71.75	72.40	73	145		29		13	3.000
PGD7333	72.40	72.52	70	110		60		29	10.000
PGD7334	72.52	72.80	55	91		24		7	2.000
PGD7335	72.80	73.08	78	122		68		30	11.000
PGD7336	73.08	74.15	64	91		21		2	0.000
PGD7337	74.15	74.40	40	64		23		3	0.000
PGD7338	74.40	74.80	38	59		16		3	1.000
PGD7339	74.80	75.55	50	89		15		9	1.000
PGD7340	75.55	76.55	40	84		19		11	1.000
PGD7341	76.55	77.50	30	49		18		2	1.000
PGD7342	77.50	78.20	20	37		15		1	0.000
PGD7343	78.20	79.00	20	35		16		1	1.000
PGD7344	79.00	80.00	24	49		31		2	1.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7345	80.00	80.29	21	47		11		1	4.000
PGD7346	80.29	80.50	28	77		12		2	24.000
PGD7347	80.50	80.70	156	652		32		43	152.000
PGD7348	80.70	81.13	43	98		12		6	10.000
PGD7349	81.13	82.37	48	101		16		10	0.000
PGD7350	82.37	82.59	115	232		38		37	8.000
PGD7351	82.59	82.84	38	97		23		11	64.000
PGD7352	82.84	83.74	16	24		7		1	1.000
PGD7353	83.74	84.52	18	37		10		3	3.000
PGD7354	84.52	84.70	28	73		91		10	57.000
PGD7355	84.70	84.98	69	216		57		9	60.000
PGD7356	84.98	85.30	46	128		67		11	54.000
PGD7357	85.30	86.00	18	32		10		2	1.000
PGD7358	86.00	87.00	36	73		14		5	3.000
PGD7359	87.00	87.81	26	41		39		1	0.000
PGD7360	87.81	88.48	21	37		23		1	0.000
PGD7361	88.48	88.86	18	35		19		0	0.000
PGD7362	88.86	89.70	35	60		25		4	0.000
PGD7363	89.70	90.64	72	102		67		2	0.000
PGD7364	90.64	91.30	82	111		35		2	0.000
PGD7365	91.30	92.18	20	32		15		2	0.000
PGD7366	92.18	92.36	83	136		28		21	2.000
PGD7367	92.36	93.21	24	35		7		3	1.000
PGD7368	93.21	94.12	16	26		12		2	0.000
PGD7369	94.12	94.98	20	31		13		1	0.000
PGD7370	94.98	96.02	14	28		12		2	0.000
PGD7371	96.02	96.81	36	60		25		4	1.000
PGD7372	96.81	97.02	87	163		39		22	1.000
PGD7373	97.02	98.02	34	59		7		0	0.000
PGD7374	98.02	99.19	13	19		8		3	0.000
PGD7375	99.19	100.20	22	39		10		2	0.000
PGD7376	100.20	100.81	33	46		22		0	0.000
PGD7377	100.81	100.95	78	85		17		1	0.000
PGD7378	100.95	101.52	41	72		37		0	0.000
PGD7379	101.52	102.05	60	70		41		4	0.000
PGD7380	102.05	102.68	45	67		37		2	0.000
PGD7381	102.68	103.77	55	74		63		2	0.000
PGD7382	103.77	103.90	320	778		872		87	
PGD7383	103.90	104.63	74	107		65		2	2.000
PGD7384	104.63	104.93	71	110		44		5	0.000
PGD7385	104.93	105.94	29	48		19		3	2.000
PGD7386	105.94	106.90	19	30		18		2	1.000
PGD7387	106.90	108.05	13	22		15		4	1.000
PGD7388	108.05	108.65	17	30		10		3	0.000
PGD7389	108.65	109.39	28	39		31		4	0.000
PGD7390	109.39	109.72	40	149		25		82	
PGD7391	109.72	110.89	34	64		29		4	0.000
PGD7392	110.89	112.01	27	47		21		3	0.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7393	112.01	113.00	28	49		19		4	0.000
PGD7394	113.00	113.13	83	140		41		40	5.000
PGD7395	113.13	113.81	40	63		27		1	1.000
PGD7396	113.81	114.02	59	104		25		6	1.000
PGD7397	114.02	114.45	72	307				198	
PGD7398	114.45	114.73	213	248		156		47	15.000
PGD7399	114.73	115.31	27	48		26		1	1.000
PGD7400	115.31	115.55	50	235				205	
PGD7401	115.55	115.98	18	40		21		1	1.000
PGD7402	115.98	116.17	37	75		18		4	4.000
PGD7403	116.17	116.84	17	31		20		0	0.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7201	1.58	2.58	0.002	0.003	0.002	0.001
PGD7202	2.58	2.83	0.002	0.003	0.002	0.003
PGD7203	2.83	3.62	0.002	0.003	0.002	0.001
PGD7204	3.62	4.47	0.002	0.002	0.001	0.001
PGD7205	4.47	5.46	0.002	0.002	0.001	0.001
PGD7206	5.46	6.00	0.002	0.031	0.022	0.001
PGD7207	6.00	6.56	0.002	0.005	0.004	0.001
PGD7208	6.56	7.66	0.002	0.002	0.002	0.001
PGD7209	7.66	8.57	0.002	0.003	0.002	0.001
PGD7210	8.57	9.50	0.002	0.003	0.003	0.001
PGD7211	9.50	9.79	0.002	0.006	0.004	0.001
PGD7212	9.79	10.17	0.002	0.004	0.003	0.001
PGD7213	10.17	11.30	0.002	0.003	0.003	0.002
PGD7214	11.30	12.46	0.002	0.012	0.009	0.001
PGD7215	12.46	13.28	0.002	0.003	0.018	0.001
PGD7216	13.28	14.22	0.002	0.002	0.001	0.001
PGD7217	14.22	14.55	0.002	0.002	0.011	0.001
PGD7218	14.55	15.55	0.002	0.036	0.031	0.001
PGD7219	15.55	16.00	0.002	0.018	0.022	0.002
PGD7220	16.00	16.62	0.002	0.016	0.038	0.005
PGD7221	16.62	17.25	0.002	0.002	0.015	0.004
PGD7222	17.25	18.00	0.002	0.044	0.029	0.001
PGD7223	18.00	18.73	0.002	0.074	0.041	0.001
PGD7224	18.73	18.85	0.002	0.008	0.014	0.001
PGD7225	18.85	18.96	0.002	0.099	0.036	0.001
PGD7226	18.96	19.07	0.002	0.004	0.003	0.001
PGD7227	19.07	19.60	0.002	0.039	0.027	0.001
PGD7228	19.60	20.30	0.002	0.006	0.008	0.004
PGD7229	20.30	20.71	0.002	0.002	0.001	0.001
PGD7230	20.71	21.43	0.002	0.002	0.001	0.001
PGD7231	21.43	22.15	0.002	0.002	0.003	0.001
PGD7232	22.15	22.90	0.002	0.003	0.002	0.001
PGD7233	22.90	23.27	0.002	0.005	0.004	0.001
PGD7234	23.27	24.00	0.002	0.002	0.001	0.001
PGD7235	24.00	24.46	0.002	0.002	0.002	0.001
PGD7236	24.46	24.88	0.002	0.003	0.002	0.001
PGD7237	24.88	25.75	0.002	0.005	0.003	0.001
PGD7238	25.75	26.42	0.002	0.074	0.042	0.001
PGD7239	26.42	26.74	0.002	0.005	0.002	0.001
PGD7240	26.74	27.36	0.002	0.018	0.032	0.005
PGD7241	27.36	27.60	0.002	0.008	0.008	0.003
PGD7242	27.60	27.88	0.002	0.002	0.001	0.001
PGD7243	27.88	28.35	0.002	0.002	0.001	0.004
PGD7244	28.35	28.95	0.002	0.002	0.001	0.003
PGD7245	28.95	29.09	0.002	0.002	0.001	0.005
PGD7246	29.09	29.92	0.002	0.002	0.001	0.002
PGD7247	29.92	30.31	0.002	0.002	0.001	0.001
PGD7248	30.31	30.82	0.002	0.002	0.001	0.002

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7249	30.82	30.96	0.002	0.002	0.001	0.043
PGD7250	30.96	31.66	0.002	0.002	0.001	0.006
PGD7251	31.66	32.67	0.002	0.002	0.001	0.003
PGD7252	32.67	33.78	0.002	0.002	0.001	0.005
PGD7253	33.78	34.50	0.002	0.002	0.001	0.003
PGD7254	34.50	34.59	0.002	0.002	0.001	0.006
PGD7255	34.59	35.29	0.002	0.002	0.001	0.004
PGD7256	35.29	36.11	0.002	0.002	0.001	0.003
PGD7257	36.11	36.21	0.002	0.002	0.001	0.011
PGD7258	36.21	36.42	0.002	0.002	0.001	0.013
PGD7259	36.42	37.06	0.002	0.002	0.001	0.003
PGD7260	37.06	37.85	0.002	0.002	0.001	0.003
PGD7261	37.85	38.03	0.002	0.002	0.001	0.004
PGD7262	38.03	38.17	0.002	0.002	0.002	0.036
PGD7263	38.17	38.42	0.002	0.002	0.001	0.020
PGD7264	38.42	39.17	0.002	0.002	0.001	0.003
PGD7265	39.17	39.85	0.002	0.004	0.003	0.003
PGD7266	39.85	40.06	0.002	0.003	0.004	0.035
PGD7267	40.06	40.34	0.002	0.023	0.012	0.063
PGD7268	40.34	40.69	0.002	0.002	0.001	0.020
PGD7269	40.69	41.30	0.002	0.002	0.001	0.004
PGD7270	41.30	41.75	0.002	0.002	0.001	0.003
PGD7271	41.75	42.29	0.002	0.002	0.002	0.035
PGD7272	42.29	42.85	0.002	0.002	0.002	0.174
PGD7273	42.85	43.28	0.002	0.001	0.006	0.158
PGD7274	43.28	44.04	0.002	0.001	0.002	0.019
PGD7275	44.04	44.89	0.002	0.002	0.002	0.008
PGD7276	44.89	45.43	0.002	0.004	0.002	0.009
PGD7277	45.43	45.49	0.002	0.003	0.002	0.011
PGD7278	45.49	45.78	0.002	0.002	0.007	0.003
PGD7279	45.78	45.97	0.002	0.002	0.007	0.004
PGD7280	45.97	46.28	0.002	0.002	0.014	0.001
PGD7281	46.28	46.37	0.002	0.001	0.002	0.001
PGD7282	46.37	46.79	0.002	0.007	0.010	0.007
PGD7283	46.79	47.45	0.002	0.002	0.005	0.002
PGD7284	47.45	48.00	0.002	0.001	0.002	0.008
PGD7285	48.00	48.42	0.002	0.004	0.009	0.040
PGD7286	48.42	48.79	0.002	0.003	0.003	0.004
PGD7287	48.79	49.40	0.002	0.004	0.005	0.001
PGD7288	49.40	50.01	0.002	0.005	0.005	0.001
PGD7289	50.01	50.32	0.002	0.002	0.005	0.001
PGD7290	50.32	50.79	0.002	0.002	0.002	0.001
PGD7291	50.79	51.07	0.002	0.003	0.002	0.001
PGD7292	51.07	51.38	0.002	0.002	0.005	0.001
PGD7293	51.38	51.78	0.002	0.002	0.002	0.002
PGD7294	51.78	52.62	0.002	0.002	0.004	0.001
PGD7295	52.62	53.44	0.002	0.002	0.002	0.001
PGD7296	53.44	54.19	0.002	0.003	0.005	0.002

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7297	54.19	54.30	0.002	0.004	0.003	0.047
PGD7298	54.30	54.75	0.002	0.003	0.005	0.002
PGD7299	54.75	55.19	0.002	0.002	0.003	0.003
PGD7300	55.19	55.58	0.002	0.002	0.005	0.003
PGD7301	55.58	56.07	0.002	0.002	0.002	0.002
PGD7302	56.07	56.49	0.002	0.002	0.002	0.002
PGD7303	56.49	57.13	0.002	0.002	0.002	0.001
PGD7304	57.13	57.67	0.002	0.001	0.005	0.002
PGD7305	57.67	57.90	0.002	0.002	0.004	0.002
PGD7306	57.90	58.18	0.002	0.002	0.002	0.001
PGD7307	58.18	58.70	0.002	0.002	0.002	0.002
PGD7308	58.70	59.26	0.002	0.002	0.002	0.002
PGD7309	59.26	59.58	0.002	0.001	0.005	0.006
PGD7310	59.58	60.09	0.002	0.001	0.004	0.005
PGD7311	60.09	60.82	0.002	0.001	0.005	0.004
PGD7312	60.82	61.50	0.002	0.001	0.002	0.004
PGD7313	61.50	61.75	0.002	0.003	0.002	0.013
PGD7314	61.75	62.85	0.002	0.001	0.002	0.011
PGD7315	62.85	63.06	0.002	0.001	0.002	0.016
PGD7316	63.06	63.81	0.002	0.001	0.002	0.004
PGD7317	63.81	64.55	0.002	0.001	0.002	0.005
PGD7318	64.55	64.69	0.002	0.001	0.002	0.003
PGD7319	64.69	64.91	0.002	0.001	0.002	0.012
PGD7320	64.91	65.17	0.002	0.001	0.002	0.010
PGD7321	65.17	66.04	0.002	0.001	0.004	0.002
PGD7322	66.04	66.85	0.002	0.001	0.002	0.002
PGD7323	66.85	67.57	0.002	0.001	0.002	0.001
PGD7324	67.57	68.11	0.002	0.001	0.002	0.004
PGD7325	68.11	68.44	0.002	0.001	0.002	0.003
PGD7326	68.44	69.09	0.002	0.001	0.002	0.003
PGD7327	69.09	69.40	0.002	0.001	0.002	0.003
PGD7328	69.40	70.31	0.002	0.002	0.002	0.002
PGD7329	70.31	70.80	0.002	0.001	0.002	0.002
PGD7330	70.80	71.50	0.002	0.001	0.002	0.003
PGD7331	71.50	71.75	0.002	0.001	0.002	0.001
PGD7332	71.75	72.40	0.002	0.001	0.002	0.002
PGD7333	72.40	72.52	0.002	0.001	0.004	0.003
PGD7334	72.52	72.80	0.002	0.001	0.002	0.007
PGD7335	72.80	73.08	0.002	0.001	0.002	0.002
PGD7336	73.08	74.15	0.002	0.001	0.002	0.004
PGD7337	74.15	74.40	0.002	0.002	0.002	0.001
PGD7338	74.40	74.80	0.002	0.002	0.002	0.001
PGD7339	74.80	75.55	0.002	0.002	0.008	0.003
PGD7340	75.55	76.55	0.002	0.002	0.010	0.005
PGD7341	76.55	77.50	0.002	0.002	0.003	0.001
PGD7342	77.50	78.20	0.002	0.002	0.002	0.001
PGD7343	78.20	79.00	0.002	0.002	0.002	0.001
PGD7344	79.00	80.00	0.002	0.002	0.002	0.001

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7345	80.00	80.29	0.002	0.002	0.015	0.007
PGD7346	80.29	80.50	0.002	0.002	0.008	0.005
PGD7347	80.50	80.70	0.002	0.002	0.004	0.001
PGD7348	80.70	81.13	0.002	0.002	0.011	0.006
PGD7349	81.13	82.37	0.002	0.002	0.010	0.005
PGD7350	82.37	82.59	0.002	0.002	0.002	0.001
PGD7351	82.59	82.84	0.002	0.002	0.010	0.005
PGD7352	82.84	83.74	0.002	0.002	0.014	0.008
PGD7353	83.74	84.52	0.002	0.002	0.021	0.008
PGD7354	84.52	84.70	0.002	0.002	0.015	0.008
PGD7355	84.70	84.98	0.002	0.002	0.002	0.001
PGD7356	84.98	85.30	0.002	0.002	0.003	0.001
PGD7357	85.30	86.00	0.002	0.002	0.016	0.006
PGD7358	86.00	87.00	0.002	0.002	0.014	0.006
PGD7359	87.00	87.81	0.002	0.002	0.002	0.001
PGD7360	87.81	88.48	0.002	0.002	0.002	0.001
PGD7361	88.48	88.86	0.002	0.002	0.002	0.001
PGD7362	88.86	89.70	0.002	0.002	0.002	0.001
PGD7363	89.70	90.64	0.002	0.002	0.002	0.003
PGD7364	90.64	91.30	0.002	0.002	0.004	0.001
PGD7365	91.30	92.18	0.002	0.002	0.015	0.007
PGD7366	92.18	92.36	0.002	0.002	0.003	0.001
PGD7367	92.36	93.21	0.002	0.002	0.017	0.008
PGD7368	93.21	94.12	0.002	0.002	0.018	0.008
PGD7369	94.12	94.98	0.002	0.002	0.017	0.008
PGD7370	94.98	96.02	0.002	0.002	0.006	0.002
PGD7371	96.02	96.81	0.002	0.002	0.007	0.002
PGD7372	96.81	97.02	0.002	0.002	0.004	0.001
PGD7373	97.02	98.02	0.002	0.002	0.029	0.009
PGD7374	98.02	99.19	0.002	0.002	0.017	0.008
PGD7375	99.19	100.20	0.002	0.002	0.017	0.009
PGD7376	100.20	100.81	0.002	0.002	0.002	0.001
PGD7377	100.81	100.95	0.002	0.002	0.019	0.011
PGD7378	100.95	101.52	0.002	0.002	0.005	0.004
PGD7379	101.52	102.05	0.002	0.002	0.019	0.012
PGD7380	102.05	102.68	0.002	0.002	0.013	0.001
PGD7381	102.68	103.77	0.002	0.002	0.010	0.007
PGD7382	103.77	103.90	0.002	0.002	0.002	0.001
PGD7383	103.90	104.63	0.002	0.002	0.014	0.008
PGD7384	104.63	104.93	0.002	0.002	0.037	0.012
PGD7385	104.93	105.94	0.002	0.002	0.011	0.008
PGD7386	105.94	106.90	0.002	0.002	0.010	0.006
PGD7387	106.90	108.05	0.002	0.002	0.010	0.007
PGD7388	108.05	108.65	0.002	0.002	0.011	0.009
PGD7389	108.65	109.39	0.002	0.002	0.009	0.008
PGD7390	109.39	109.72	0.002	0.002	0.006	0.005
PGD7391	109.72	110.89	0.002	0.002	0.013	0.010
PGD7392	110.89	112.01	0.002	0.002	0.007	0.004

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7393	112.01	113.00	0.002	0.002	0.016	0.009
PGD7394	113.00	113.13	0.002	0.002	0.002	0.001
PGD7395	113.13	113.81	0.002	0.002	0.014	0.009
PGD7396	113.81	114.02	0.002	0.002	0.002	0.001
PGD7397	114.02	114.45	0.002	0.002	0.002	0.001
PGD7398	114.45	114.73	0.002	0.002	0.002	0.001
PGD7399	114.73	115.31	0.002	0.002	0.002	0.001
PGD7400	115.31	115.55	0.002	0.002	0.002	0.001
PGD7401	115.55	115.98	0.002	0.002	0.002	0.001
PGD7402	115.98	116.17	0.002	0.002	0.006	0.005
PGD7403	116.17	116.84	0.002	0.002	0.002	0.001

BRITISH GEOLOGICAL SURVEY

dti

MINERAL RECONNAISSANCE PROGRAMME

Open File Report No. 8

Loch Borralan Borehole 3

Trace Element and Precious Metal

Determinations on 203 Samples

DEPARTMENT OF TRADE AND INDUSTRY

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7522	8.30	9.16	39900	1020	62	11	1190	24900	9	7	2	94	35.0
PGD7523	9.16	9.61	54700	3400	237	11	1100	45300	21	6	83	46	3.0
PGD7524	9.61	10.13	84200	4000	286	4	1390	59100	32	8	144	64	1.0
PGD7525	10.13	10.64	81600	1820	62	30	1090	23500	7	10	7	66	3.0
PGD7526	10.64	11.00	71900	3130	204	27	1330	49100	29	11	117	64	0.0
PGD7527	11.00	11.64	63900	1270	62	38	1050	22500	9	11	23	64	2.0
PGD7528	11.64	12.41	67700	1740	85	35	1110	29000	14	11	36	62	3.0
PGD7529	12.41	12.87	82100	5040	338	20	1400	58800	24	8	92	54	2.0
PGD7530	12.87	13.02	87100	4650	306	23	1470	60200	28	9	158	77	4.0
PGD7531	13.02	13.88	77500	5660	385	14	1330	62300	21	7	99	53	1.0
PGD7532	13.88	14.70	85300	4400	304	47	1720	65200	32	15	119	79	2.0
PGD7533	14.70	15.01	118700	9240	619	3	1810	78100	20	4	79	62	2.0
PGD7534	15.01	15.70	94200	5360	358	10	1620	63600	26	7	105	68	0.0
PGD7535	15.70	16.33	108800	4880	311	41	1540	59200	26	16	137	75	4.0
PGD7536	16.33	16.83	104700	8370	555	0	1730	72000	24	4	172	62	8.0
PGD7537	16.83	17.55	100700	7090	481	2	1720	68900	31	4	231	70	7.0
PGD7538	17.55	18.33	95900	6490	435	11	1530	64800	29	4	157	57	5.0
PGD7539	18.33	18.82	63700	1920	65	27	1270	32700	17	15	63	92	5.0
PGD7540	18.82	19.75	69700	1730	77	33	1250	36100	20	16	128	97	3.0
PGD7541	19.75	20.46	98200	6510	439	9	1540	65800	28	4	168	55	1.0
PGD7542	20.46	21.18	87300	6260	438	5	1380	64300	28	6	213	44	0.0
PGD7543	21.18	22.00	98100	5300	370	9	1600	65600	25	8	123	71	0.0
PGD7544	22.00	22.53	105900	5090	361	8	1720	69200	25	8	89	80	0.0
PGD7545	22.53	22.93	96400	7830	506	11	1350	69800	20	8	153	36	0.0
PGD7546	22.93	23.82	103300	5400	372	10	1650	67900	27	8	119	70	1.0
PGD7547	23.82	24.45	99600	4720	331	9	1680	66800	28	11	139	87	0.0
PGD7548	24.45	24.85	79300	3450	231	18	1600	58400	34	8	189	79	0.0
PGD7549	24.85	25.85	74800	4900	326	8	1420	52900	21	4	184	67	2.0
PGD7550	25.85	26.59	80000	6300	420	6	1200	60600	24	3	146	38	0.0
PGD7551	26.59	27.66	86600	6380	418	7	1250	59200	24	4	129	38	4.0
PGD7552	27.66	28.38	90200	7450	480	2	1420	64300	20	5	70	58	4.0
PGD7553	28.38	29.00	11400	640	27	6	340	16200	2	0	73	53	0.0
PGD7554	29.00	29.82	78000	6400	401	10	1260	59200	24	5	170	54	1.0
PGD7555	29.82	30.33	42200	3920	241	5	870	37100	8	2	83	47	0.0
PGD7556	30.33	30.72	76200	6570	413	2	1260	55900	7	1	52	60	0.0
PGD7557	30.72	31.38	25400	2100	128	12	490	24000	9	2	61	21	2.0
PGD7558	31.38	32.00	29100	2150	138	10	530	25700	10	1	69	23	0.0
PGD7559	32.00	32.75	24800	1960	124	12	540	24700	11	2	57	26	0.0
PGD7560	32.75	33.52	71000	5710	311	8	1170	51300	19	3	116	44	1.0
PGD7561	33.52	34.28	28900	2980	160	3	720	29300	10	2	72	42	0.0
PGD7562	34.28	35.05	88300	5020	271	7	1470	55100	23	5	72	62	2.0
PGD7563	35.05	35.23	10700	950	45	9	480	24500	4	1	12	50	2.0
PGD7564	35.23	35.79	83400	6190	327	11	1430	58600	19	6	99	63	1.0
PGD7565	35.79	36.06	57800	3910	239	11	1070	43900	20	5	92	44	3.0
PGD7566	36.06	36.85	91200	3820	253	16	1510	53900	26	7	95	64	3.0
PGD7567	36.85	37.34	79000	3530	243	53	1480	54600	34	12	206	67	1.0
PGD7568	37.34	37.92	94400	4280	255	254	1880	79400	84	67	866	121	4.0
PGD7569	37.92	38.92	79900	5720	373	17	1310	60400	26	3	142	50	2.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7570	38.92	39.66	75600	5960	393	6	1260	61200	18	1	81	44	0.0
PGD7571	39.66	39.95	62000	4330	189	556	1640	65400	47	182	134	174	2.0
PGD7572	39.95	40.43	98400	6940	440	7	1480	66300	24	2	116	51	3.0
PGD7573	40.43	41.23	74500	5500	350	11	1220	56000	21	3	102	41	3.0
PGD7574	41.23	42.15	81800	5340	323	7	1340	55800	22	3	96	49	0.0
PGD7575	42.15	42.88	62700	5180	328	6	1050	50500	15	3	86	36	1.0
PGD7576	42.88	43.63	78200	5490	320	31	1430	60900	29	16	150	67	0.0
PGD7577	43.63	44.34	82500	6050	347	10	1340	58700	19	5	93	53	0.0
PGD7578	44.34	44.88	91100	5420	316	53	1700	69100	32	14	107	85	2.0
PGD7579	44.88	45.74	72400	3080	187	113	1460	58900	38	53	196	85	0.0
PGD7580	45.74	46.20	92200	5650	345	118	1650	71100	32	54	185	88	0.0
PGD7581	46.20	46.95	99600	4110	193	283	1820	68300	36	106	195	124	1.0
PGD7582	46.95	47.65	115100	3750	200	27	1890	60500	39	22	301	95	0.0
PGD7583	47.65	48.13	108900	4840	325	12	1730	61200	25	8	118	79	1.0
PGD7584	48.13	48.81	110300	1480	92	17	1640	37800	16	8	73	86	1.0
PGD7585	48.81	49.12	77800	4440	294	14	1290	52200	19	5	89	45	0.0
PGD7586	49.12	49.82	100900	6360	362	3	1660	68900	23	9	57	71	0.0
PGD7587	49.82	50.12	81900	5670	258	39	1780	87600	38	29	260	137	0.0
PGD7588	50.12	50.69	98400	4020	257	3	2030	85100	34	19	120	123	1.0
PGD7589	50.69	51.77	97000	4270	313	7	2060	91900	39	17	180	131	3.0
PGD7590	51.77	52.55	92600	5670	353	10	1770	76000	29	15	170	90	0.0
PGD7591	52.55	53.67	91300	3790	297	17	2080	89200	40	23	203	128	0.0
PGD7592	53.67	54.64	85100	4980	301	42	1600	62100	25	23	127	81	2.0
PGD7593	54.64	55.53	98500	6280	329	51	1610	60200	22	11	82	69	2.0
PGD7594	55.53	55.90	84900	5890	324	12	1320	55600	17	9	111	50	2.0
PGD7595	55.90	56.66	78400	4130	236	41	1610	58600	25	19	117	78	2.0
PGD7596	56.66	57.42	96700	4930	304	25	1840	68100	27	20	106	96	1.0
PGD7597	57.42	58.20	100400	6460	310	17	1740	67200	23	22	118	83	0.0
PGD7598	58.20	59.04	95800	5870	329	9	1780	72800	25	15	129	92	2.0
PGD7599	59.04	59.65	97800	4880	350	14	2030	86200	32	15	227	116	2.0
PGD7600	59.65	59.95	109400	7930	409	17	1800	73400	24	13	176	79	2.0
PGD7601	59.95	60.95	97300	5560	281	6	1680	64400	22	11	109	88	1.0
PGD7602	60.95	61.66	95000	5780	294	36	1840	70900	27	17	110	110	0.0
PGD7603	61.66	62.40	98900	5750	297	23	1860	70200	28	13	222	98	0.0
PGD7604	62.40	63.04	97700	6030	281	12	1680	58100	22	11	86	79	0.0
PGD7605	63.04	63.72	96000	5520	256	15	1630	56800	26	12	135	77	1.0
PGD7606	63.72	64.30	65800	2370	207	19	1780	71600	34	19	264	107	2.0
PGD7607	64.30	65.10	100200	5920	294	15	1530	54900	19	11	70	77	3.0
PGD7608	65.10	65.89	48000	3630	169	69	1180	45400	19	24	90	93	4.0
PGD7609	65.89	66.75	42700	4290	159	135	1230	52600	24	52	44	92	5.0
PGD7610	66.75	67.25	47100	5110	203	418	1340	64400	35	146	100	106	1.0
PGD7611	67.25	67.87	44100	5060	201	218	1410	63600	31	82	113	115	5.0
PGD7612	67.87	68.53	58900	4610	172	321	1290	57000	32	115	144	109	2.0
PGD7613	68.53	68.70	45900	4500	173	164	1290	55100	27	68	244	100	6.0
PGD7614	68.70	68.94	62000	5530	204	279	1250	63300	33	118	104	95	1.0
PGD7615	68.94	69.14	93200	3110	243	202	1690	60100	33	77	39	99	6.0
PGD7616	69.14	69.88	65200	5010	195	173	1220	60300	29	62	65	90	3.0
PGD7617	69.88	70.30	64400	5220	220	157	1350	65400	32	60	224	98	1.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7618	70.30	71.05	61300	4910	200	157	1280	60300	31	55	23	94	3.0
PGD7619	71.05	71.73	44800	4180	170	130	1100	52900	27	43	46	75	2.0
PGD7620	71.73	72.23	52900	4930	197	134	1220	60400	31	50	27	93	3.0
PGD7621	72.23	72.86	62800	4480	182	128	1200	55700	28	48	67	87	4.0
PGD7622	72.86	73.53	59200	5120	205	164	1290	62700	32	58	18	95	3.0
PGD7623	73.53	74.28	57300	4790	193	156	1220	60200	30	54	63	87	4.0
PGD7624	74.28	74.90	36600	1740	116	210	860	33700	20	32	224	38	3.0
PGD7625	74.90	75.60	22000	1320	75	277	590	23900	15	28	152	27	5.0
PGD7626	75.60	75.85	47400	2940	188	293	1170	51300	27	68	128	71	0.0
PGD7627	75.85	76.65	6100	470	21	251	200	9100	5	6	162	9	0.0
PGD7628	76.65	76.90	11500	1130	42	242	350	14200	8	17	73	24	2.0
PGD7629	76.90	77.50	39700	2540	180	269	1010	46300	27	46	185	59	0.0
PGD7630	77.50	77.90	5000	540	18	225	180	8300	4	6	108	9	1.0
PGD7631	77.90	78.60	22300	1380	77	255	640	24800	13	36	143	31	0.0
PGD7632	78.60	79.10	16400	860	44	183	460	16200	9	12	131	22	3.0
PGD7633	79.10	79.80	17700	890	42	356	490	20500	14	52	148	31	2.0
PGD7634	79.80	80.28	45400	3640	164	133	1210	52900	21	48	63	86	3.0
PGD7635	80.28	81.00	43100	4090	172	81	1160	53400	23	30	72	79	4.0
PGD7636	81.00	81.50	40100	1660	95	187	910	31400	18	35	125	44	0.0
PGD7637	81.50	82.10	44100	1110	77	215	700	23100	13	30	82	35	2.0
PGD7638	82.10	82.82	54700	5050	187	307	1250	62000	33	109	56	89	1.0
PGD7639	82.82	83.00	53700	5070	190	260	1440	61100	32	86	88	125	2.0
PGD7640	83.00	83.60	50000	4710	177	217	1190	57700	28	79	118	83	0.0
PGD7641	83.60	83.90	52600	4860	186	273	1160	59700	32	103	135	86	3.0
PGD7642	83.90	84.45	51700	4880	200	286	1230	60800	34	106	396	98	0.0
PGD7643	84.45	84.65	45700	4250	166	301	1090	55800	29	107	70	80	0.0
PGD7644	84.65	85.00	78900	4280	283	187	1590	68500	34	73	55	100	0.0
PGD7645	85.00	85.37	78200	4110	328	172	1680	67400	34	72	16	113	2.0
PGD7646	85.37	85.92	65500	4700	273	220	1650	63000	34	82	17	115	3.0
PGD7647	85.92	86.50	67800	4090	280	214	1590	61000	32	81	16	108	1.0
PGD7648	86.50	87.01	76800	3810	272	162	1870	67300	36	67	24	123	0.0
PGD7649	87.01	87.19	38400	3460	143	107	1100	48900	24	37	146	74	0.0
PGD7650	87.19	87.88	57200	4560	178	331	1260	60000	33	121	52	86	1.0
PGD7651	87.88	88.52	60300	4740	182	330	1190	60800	33	122	59	84	0.0
PGD7652	88.52	89.10	90300	4240	269	278	1760	74300	38	104	137	110	1.0
PGD7653	89.10	89.60	87900	2660	203	138	1620	53700	28	49	135	99	0.0
PGD7654	89.60	89.88	9400	1320	34	145	270	15700	15	8	356	15	1.0
PGD7655	89.88	90.45	21500	1480	96	177	620	25300	14	19	86	30	0.0
PGD7656	90.45	90.75	90600	4290	294	106	1720	75900	37	56	157	107	2.0
PGD7657	90.75	91.40	58800	4570	211	106	1410	62000	29	47	113	101	2.0
PGD7658	91.40	92.17	91000	5690	343	126	1970	83600	39	64	198	143	2.0
PGD7659	92.17	92.99	45400	4290	189	26	1370	52700	20	15	57	95	2.0
PGD7660	92.99	93.68	53300	5210	200	14	1500	61800	23	15	120	119	4.0
PGD7661	93.68	94.57	45300	4730	180	33	1300	56600	22	21	85	100	2.0
PGD7662	94.57	94.80	33600	4220	146	29	1040	56100	20	16	253	87	4.0
PGD7663	94.80	95.75	22100	2830	95	56	1060	34200	10	16	29	74	3.0
PGD7664	95.75	96.21	22100	2840	90	57	1090	33000	10	14	22	79	2.0
PGD7665	96.21	96.87	15800	2660	84	62	950	31100	9	13	32	61	0.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7666	96.87	97.60	2200	1220	16	185	100	4400	2	4	21	4	2.0
PGD7667	97.60	98.05	25500	2950	120	128	850	35400	18	22	77	54	0.0
PGD7668	98.05	98.60	42400	3960	176	67	1260	52900	24	33	86	90	0.0
PGD7669	98.60	99.21	1100	660	7	186	60	3400	2	4	35	3	0.0
PGD7670	99.21	99.47	37700	3460	168	129	1250	46100	23	32	156	80	0.0
PGD7671	99.47	99.84	2500	2080	24	157	120	5300	3	5	32	8	0.0
PGD7672	99.84	100.40	17000	2540	89	131	600	22900	13	15	87	41	2.0
PGD7673	100.40	101.05	42900	4570	171	719	1650	66800	42	185	84	117	0.0
PGD7674	101.05	101.73	36000	4650	174	70	1040	49200	26	36	74	87	0.0
PGD7675	101.73	102.60	25000	5670	167	362	1000	56700	59	172	151	136	1.0
PGD7676	102.60	103.05	28000	5900	213	1396	1110	65500	101	358	273	167	1.0
PGD7677	103.05	103.67	30300	4500	164	14	1150	49900	17	9	103	96	1.0
PGD7678	103.67	104.42	48400	4200	168	91	1240	51600	23	33	67	90	0.0
PGD7679	104.42	105.21	43100	3780	149	78	1140	46300	20	29	79	80	2.0
PGD7680	105.21	105.73	27400	3130	112	64	1060	37700	13	20	64	76	0.0
PGD7681	105.73	106.35	24900	2920	111	77	1010	37100	14	22	38	70	0.0
PGD7682	106.35	107.00	31300	3260	130	91	1070	42400	17	30	80	73	0.0
PGD7683	107.00	107.70	43900	3860	152	79	1160	47400	21	29	58	83	1.0
PGD7684	107.70	108.40	41300	3710	146	80	1160	47100	22	29	96	81	0.0
PGD7685	108.40	109.05	48000	3780	150	83	1310	49300	24	31	216	89	0.0
PGD7686	109.05	109.75	48500	3990	155	82	1260	49400	22	32	76	92	0.0
PGD7687	109.75	110.25	47700	4160	159	77	1230	50200	23	30	22	94	0.0
PGD7688	110.25	110.50	29500	3590	138	64	1080	44600	19	24	130	78	0.0
PGD7689	110.50	111.00	43500	3780	141	68	1160	46200	20	24	22	85	0.0
PGD7690	111.00	111.70	43100	4210	152	79	1220	48800	21	29	101	97	0.0
PGD7691	111.70	112.40	49200	4130	153	74	1210	49500	21	29	58	90	0.0
PGD7692	112.40	113.20	48200	4070	154	76	1180	47400	20	29	96	85	1.0
PGD7693	113.20	114.00	46700	4310	161	83	1240	51300	21	32	67	91	0.0
PGD7694	114.00	114.65	46400	4170	159	78	1220	49600	22	31	61	87	0.0
PGD7695	114.65	115.10	47200	4330	166	85	1260	51900	22	34	61	92	0.0
PGD7696	115.10	115.80	47700	4260	162	85	1260	51400	22	32	43	94	0.0
PGD7697	115.80	116.50	46700	4370	164	86	1260	51000	23	33	62	93	1.0
PGD7698	116.50	117.21	50200	4420	167	93	1250	51500	24	33	69	92	2.0
PGD7699	117.21	117.88	54700	4620	179	101	1270	55600	26	39	25	97	0.0
PGD7700	117.88	118.45	50600	4420	174	108	1330	55300	25	39	28	142	5.0
PGD7701	118.45	119.00	53300	4530	172	101	1280	54700	25	38	20	98	1.0
PGD7702	119.00	119.55	52500	4660	179	113	1290	55400	26	39	9	96	0.0
PGD7703	119.55	119.82	24500	3310	121	30	960	41400	15	16	77	74	1.0
PGD7704	119.82	120.40	19700	2620	91	48	990	31500	9	11	17	66	0.0
PGD7705	120.40	121.00	16700	2200	71	24	940	25800	6	4	15	60	1.0
PGD7706	121.00	121.80	18600	2120	68	29	1020	24900	5	4	17	69	2.0
PGD7707	121.80	122.40	20600	2610	96	62	1020	32600	11	17	51	66	0.0
PGD7708	122.40	122.60	47300	2970	111	89	980	40500	17	31	103	72	1.0
PGD7709	122.60	123.21	40200	2940	112	64	1170	38700	15	24	61	76	0.0
PGD7710	123.21	124.00	34300	2720	94	251	1200	53000	22	66	39	91	0.0
PGD7711	124.00	124.40	33600	3970	138	255	1310	75200	38	131	190	113	2.0
PGD7712	124.40	124.70	19700	2870	94	291	1030	65100	27	104	153	93	1.0
PGD7713	124.70	125.10	24200	2710	81	141	730	39700	16	47	82	64	2.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7714	125.10	126.00	16400	2220	59	58	470	26800	11	26	91	45	1.0
PGD7715	126.00	126.50	12200	1220	54	57	600	23200	7	29	328	53	2.0
PGD7716	126.50	126.90	8900	1590	45	48	410	21400	9	23	43	31	2.0
PGD7717	126.90	127.45	14800	1160	36	50	430	19900	9	27	28	32	0.0
PGD7718	127.45	128.00	22600	2810	84	124	920	43500	20	50	69	75	2.0
PGD7719	128.00	128.40	19300	2720	73	269	750	35700	17	92	77	66	1.0
PGD7720	128.40	128.65	41800	1740	96	1375	1560	58100	37	406	52	114	0.0
PGD7721	128.65	129.50	25500	3550	94	48	750	40500	17	29	53	68	0.0
PGD7722	129.50	130.00	27400	3530	98	45	760	40600	18	22	39	66	0.0
PGD7723	130.00	130.80	20300	3650	102	55	790	42800	20	43	51	76	0.0
PGD7724	130.80	131.79	28300	3520	100	35	720	39800	19	45	37	66	0.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7522	8.30	9.16	177	234	3	83	4	1.0	1.000	0	0.0	2737
PGD7523	9.16	9.61	306	745	23	351	4	2.0	4.000	0	0.0	780
PGD7524	9.61	10.13	290	775	35	414	4	1.0	5.000	1	0.0	562
PGD7525	10.13	10.64	279	791	21	315	5	2.0	3.000	0	1.0	343
PGD7526	10.64	11.00	249	964	21	320	4	2.0	3.000	1	0.0	643
PGD7527	11.00	11.64	325	791	12	172	4	1.0	2.000	0	0.0	414
PGD7528	11.64	12.41	326	955	15	208	4	4.0	3.000	0	0.0	545
PGD7529	12.41	12.87	271	663	48	497	4	3.0	5.000	1	0.0	454
PGD7530	12.87	13.02	219	781	37	432	6	1.0	5.000	1	0.0	872
PGD7531	13.02	13.88	267	635	45	604	5	3.0	5.000	1	0.0	599
PGD7532	13.88	14.70	216	885	27	443	5	2.0	5.000	0	0.0	1049
PGD7533	14.70	15.01	97	375	66	1041	11	0.0	6.000	0	0.0	854
PGD7534	15.01	15.70	207	642	49	538	6	5.0	6.000	0	0.0	1074
PGD7535	15.70	16.33	145	568	44	469	4	0.0	6.000	1	0.0	657
PGD7536	16.33	16.83	117	415	60	962	10	2.0	6.000	4	0.0	1498
PGD7537	16.83	17.55	146	520	61	819	9	4.0	6.000	1	0.0	1552
PGD7538	17.55	18.33	212	431	56	726	5	2.0	5.000	3	0.0	1195
PGD7539	18.33	18.82	293	760	27	228	6	4.0	3.000	0	0.0	1915
PGD7540	18.82	19.75	346	764	18	181	5	2.0	4.000	0	0.0	1199
PGD7541	19.75	20.46	278	882	60	747	7	3.0	4.000	1	0.0	319
PGD7542	20.46	21.18	329	925	44	733	5	1.0	5.000	0	0.0	412
PGD7543	21.18	22.00	279	1283	47	558	5	2.0	6.000	1	0.0	353
PGD7544	22.00	22.53	191	1274	48	502	5	2.0	5.000	0	0.0	410
PGD7545	22.53	22.93	277	732	94	815	6	2.0	5.000	1	0.0	329
PGD7546	22.93	23.82	207	1116	49	518	5	2.0	5.000	0	0.0	478
PGD7547	23.82	24.45	235	1294	39	446	5	3.0	6.000	3	0.0	397
PGD7548	24.45	24.85	263	1398	26	271	6	2.0	4.000	2	2.0	352
PGD7549	24.85	25.85	154	1599	47	625	8	0.0	5.000	1	0.0	2195
PGD7550	25.85	26.59	280	1011	53	687	6	5.0	5.000	3	0.0	532
PGD7551	26.59	27.66	188	509	61	702	6	1.0	6.000	1	1.0	600
PGD7552	27.66	28.38	164	422	70	922	9	0.0	4.000	3	0.0	575
PGD7553	28.38	29.00	265	968	6	624	15	0.0	1.000	0	0.0	405
PGD7554	29.00	29.82	230	949	62	743	7	2.0	4.000	1	0.0	651
PGD7555	29.82	30.33	178	1321	33	557	12	1.0	3.000	0	0.0	1875
PGD7556	30.33	30.72	147	1630	56	854	12	3.0	4.000	1	0.0	1541
PGD7557	30.72	31.38	595	1012	21	218	3	1.0	2.000	0	0.0	626
PGD7558	31.38	32.00	460	1156	21	225	2	3.0	2.000	0	0.0	847
PGD7559	32.00	32.75	567	896	16	221	2	3.0	2.000	0	0.0	798
PGD7560	32.75	33.52	405	997	79	589	6	0.0	5.000	1	0.0	370
PGD7561	33.52	34.28	214	1749	21	359	6	3.0	2.000	0	0.0	5010
PGD7562	34.28	35.05	356	1405	70	484	3	4.0	4.000	1	0.0	371
PGD7563	35.05	35.23	304	779	12	231	5	1.0	2.000	0	0.0	116
PGD7564	35.23	35.79	330	1113	93	608	4	4.0	6.000	0	0.0	550
PGD7565	35.79	36.06	446	789	42	417	5	4.0	5.000	1	0.0	502
PGD7566	36.06	36.85	325	1235	40	352	5	2.0	6.000	1	1.0	344
PGD7567	36.85	37.34	385	1256	30	327	4	3.0	5.000	2	1.0	595
PGD7568	37.34	37.92	252	738	33	275	5	5.0	7.000	0	0.0	932
PGD7569	37.92	38.92	291	842	50	604	6	1.0	5.000	1	1.0	519

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7570	38.92	39.66	353	885	48	608	5	1.0	5.000	2	1.0	468
PGD7571	39.66	39.95	366	522	24	156	6	0.0	4.000	0	0.0	2763
PGD7572	39.95	40.43	311	828	65	738	8	5.0	6.000	2	2.0	438
PGD7573	40.43	41.23	438	784	51	588	5	4.0	4.000	2	2.0	444
PGD7574	41.23	42.15	314	923	64	550	5	0.0	4.000	1	2.0	462
PGD7575	42.15	42.88	426	1418	46	591	6	2.0	4.000	2	3.0	628
PGD7576	42.88	43.63	374	977	59	513	5	3.0	4.000	0	1.0	810
PGD7577	43.63	44.34	324	1096	82	637	5	1.0	6.000	3	0.0	496
PGD7578	44.34	44.88	225	1264	68	492	6	0.0	5.000	1	0.0	427
PGD7579	44.88	45.74	302	953	15	197	6	1.0	5.000	0	0.0	830
PGD7580	45.74	46.20	244	964	35	485	6	4.0	8.000	1	0.0	1055
PGD7581	46.20	46.95	140	876	34	136	6	4.0	6.000	0	0.0	778
PGD7582	46.95	47.65	173	1265	41	227	8	3.0	5.000	0	0.0	255
PGD7583	47.65	48.13	177	1132	42	558	6	3.0	6.000	3	1.0	312
PGD7584	48.13	48.81	151	927	32	168	1	3.0	5.000	0	0.0	290
PGD7585	48.81	49.12	303	1205	35	462	3	1.0	4.000	1	3.0	479
PGD7586	49.12	49.82	223	1009	81	530	5	1.0	6.000	1	0.0	400
PGD7587	49.82	50.12	191	1356	26	137	7	3.0	6.000	0	1.0	1686
PGD7588	50.12	50.69	140	948	10	159	5	4.0	5.000	0	0.0	853
PGD7589	50.69	51.77	186	990	19	227	4	1.0	6.000	2	1.0	764
PGD7590	51.77	52.55	204	1145	45	401	4	3.0	6.000	1	0.0	671
PGD7591	52.55	53.67	185	1285	11	151	4	5.0	7.000	1	0.0	692
PGD7592	53.67	54.64	281	1303	60	427	5	2.0	5.000	2	0.0	586
PGD7593	54.64	55.53	220	1274	110	583	4	1.0	6.000	2	0.0	439
PGD7594	55.53	55.90	258	1031	84	545	6	1.0	5.000	3	1.0	631
PGD7595	55.90	56.66	266	1209	54	305	2	5.0	4.000	0	1.0	606
PGD7596	56.66	57.42	209	1035	53	421	6	2.0	6.000	1	0.0	437
PGD7597	57.42	58.20	184	1060	107	513	6	2.0	5.000	1	0.0	448
PGD7598	58.20	59.04	197	1033	86	485	4	0.0	5.000	0	1.0	459
PGD7599	59.04	59.65	169	1046	37	309	5	1.0	5.000	0	0.0	426
PGD7600	59.65	59.95	184	904	117	652	5	2.0	5.000	1	0.0	402
PGD7601	59.95	60.95	214	1015	95	475	4	1.0	6.000	0	0.0	380
PGD7602	60.95	61.66	183	1279	86	476	7	0.0	6.000	1	0.0	567
PGD7603	61.66	62.40	185	1078	89	463	5	0.0	6.000	2	0.0	333
PGD7604	62.40	63.04	188	1019	115	587	5	1.0	6.000	2	0.0	519
PGD7605	63.04	63.72	246	932	106	507	6	0.0	6.000	2	0.0	407
PGD7606	63.72	64.30	308	777	9	98	2	2.0	5.000	0	0.0	556
PGD7607	64.30	65.10	225	890	98	600	8	10.0	5.000	2	1.0	640
PGD7608	65.10	65.89	115	735	21	183	9	11.0	3.000	0	0.0	1474
PGD7609	65.89	66.75	74	1367	22	80	7	0.0	2.000	0	0.0	2096
PGD7610	66.75	67.25	45	1031	27	173	11	30.0	3.000	0	0.0	448
PGD7611	67.25	67.87	74	1142	31	208	13	6.0	3.000	0	0.0	1412
PGD7612	67.87	68.53	78	1267	24	122	11	130.0	3.000	0	0.0	1220
PGD7613	68.53	68.70	72	1251	28	130	10	25.0	3.000	0	0.0	1723
PGD7614	68.70	68.94	6	5077	28	113	10	33.0	2.000	0	0.0	443
PGD7615	68.94	69.14	14	485	29	139	3	490.0	4.000	0	0.0	927
PGD7616	69.14	69.88	26	1702	23	92	7	4.0	3.000	0	0.0	1561
PGD7617	69.88	70.30	28	1181	26	105	6	2.0	3.000	0	0.0	1477

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7618	70.30	71.05	38	1704	25	135	7	2.0	4.000	1	0.0	1455
PGD7619	71.05	71.73	27	972	22	173	8	4.0	2.000	0	0.0	1470
PGD7620	71.73	72.23	33	1714	24	145	8	3.0	3.000	0	0.0	1593
PGD7621	72.23	72.86	29	1470	22	107	4	2.0	4.000	0	0.0	1344
PGD7622	72.86	73.53	39	1698	25	138	7	2.0	4.000	0	0.0	1514
PGD7623	73.53	74.28	28	1097	23	126	7	13.0	3.000	0	0.0	1239
PGD7624	74.28	74.90	1	182	15	88	2	38.0	1.000	0	1.0	141
PGD7625	74.90	75.60	2	127	9	106	2	69.0	0.000	0	1.0	145
PGD7626	75.60	75.85	4	222	20	90	4	50.0	2.000	0	0.0	151
PGD7627	75.85	76.65	3	65	3	103	1	15.0	0.000	0	0.0	92
PGD7628	76.65	76.90	3	181	6	320	5	336.0	0.000	0	2.0	192
PGD7629	76.90	77.50	2	209	16	113	3	41.0	3.000	0	0.0	174
PGD7630	77.50	77.90	2	68	5	104	0	18.0	0.000	2	2.0	81
PGD7631	77.90	78.60	6	272	10	103	3	21.0	0.000	0	1.0	351
PGD7632	78.60	79.10	4	152	8	105	2	13.0	0.000	0	0.0	166
PGD7633	79.10	79.80	2	149	7	104	2	120.0	1.000	0	0.0	191
PGD7634	79.80	80.28	23	828	20	360	24	80.0	3.000	0	0.0	1151
PGD7635	80.28	81.00	28	1112	22	87	6	44.0	2.000	0	0.0	1172
PGD7636	81.00	81.50	3	285	14	81	3	53.0	2.000	0	0.0	385
PGD7637	81.50	82.10	1	330	13	74	2	119.0	1.000	0	2.0	288
PGD7638	82.10	82.82	11	597	22	109	6	99.0	4.000	0	1.0	750
PGD7639	82.82	83.00	23	836	24	117	11	2.0	3.000	0	1.0	1126
PGD7640	83.00	83.60	12	878	22	81	7	109.0	4.000	0	0.0	786
PGD7641	83.60	83.90	11	901	23	168	32	83.0	3.000	0	0.0	821
PGD7642	83.90	84.45	9	756	25	128	7	118.0	4.000	0	2.0	686
PGD7643	84.45	84.65	7	662	22	116	7	60.0	3.000	0	0.0	786
PGD7644	84.65	85.00	2	357	32	119	5	326.0	4.000	0	0.0	628
PGD7645	85.00	85.37	1	290	34	196	7	412.0	5.000	0	0.0	1073
PGD7646	85.37	85.92	1	261	30	245	8	388.0	4.000	0	0.0	839
PGD7647	85.92	86.50	2	237	27	153	6	421.0	3.000	0	0.0	718
PGD7648	86.50	87.01	1	304	32	197	6	924.0	4.000	0	0.0	576
PGD7649	87.01	87.19	9	953	22	190	9	127.0	3.000	0	0.0	1411
PGD7650	87.19	87.88	8	909	19	83	6	42.0	3.000	0	0.0	689
PGD7651	87.88	88.52	8	1131	20	96	7	31.0	3.000	0	0.0	561
PGD7652	88.52	89.10	3	351	30	109	4	173.0	4.000	0	0.0	392
PGD7653	89.10	89.60	3	342	29	91	3	16.0	5.000	0	0.0	290
PGD7654	89.60	89.88	25	1120	13	268	8	12.0	0.000	0	0.0	1241
PGD7655	89.88	90.45	2	191	12	119	0	32.0	0.000	0	0.0	172
PGD7656	90.45	90.75	2	524	33	78	4	311.0	4.000	0	0.0	556
PGD7657	90.75	91.40	12	1553	25	87	5	7.0	3.000	0	0.0	722
PGD7658	91.40	92.17	8	462	34	62	6	167.0	5.000	0	0.0	434
PGD7659	92.17	92.99	20	2174	29	145	10	4.0	3.000	0	0.0	1634
PGD7660	92.99	93.68	33	3390	32	154	10	4.0	4.000	1	0.0	1456
PGD7661	93.68	94.57	32	2785	27	131	9	5.0	4.000	0	0.0	1368
PGD7662	94.57	94.80	27	806	25	505	20	2.0	4.000	0	0.0	895
PGD7663	94.80	95.75	18	1345	25	266	16	7.0	0.000	0	0.0	1884
PGD7664	95.75	96.21	28	1559	26	279	16	0.0	1.000	0	0.0	1941
PGD7665	96.21	96.87	17	1105	23	249	14	8.0	1.000	0	0.0	1429

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7666	96.87	97.60	4	134	5	203	3	463.0	0.000	0	2.0	295
PGD7667	97.60	98.05	5	724	16	158	4	17.0	1.000	0	0.0	469
PGD7668	98.05	98.60	14	2072	22	123	7	1.0	2.000	0	0.0	944
PGD7669	98.60	99.21	7	96	3	105	3	10.0	0.000	0	2.0	327
PGD7670	99.21	99.47	15	1253	21	145	4	18.0	3.000	0	0.0	1443
PGD7671	99.47	99.84	12	207	5	294	4	8.0	0.000	0	2.0	343
PGD7672	99.84	100.40	7	541	13	188	3	8.0	0.000	0	1.0	608
PGD7673	100.40	101.05	55	1158	21	101	4	2.0	4.000	0	0.0	1746
PGD7674	101.05	101.73	53	2170	22	343	10	0.0	3.000	0	0.0	1692
PGD7675	101.73	102.60	82	2044	17	352	13	2.0	4.000	0	0.0	2280
PGD7676	102.60	103.05	68	2069	24	428	12	5.0	4.000	0	0.0	1735
PGD7677	103.05	103.67	43	2415	25	152	10	2.0	2.000	0	0.0	1999
PGD7678	103.67	104.42	40	1752	23	116	8	3.0	4.000	0	0.0	2041
PGD7679	104.42	105.21	37	1365	23	123	8	8.0	3.000	0	0.0	2175
PGD7680	105.21	105.73	24	1601	28	273	15	15.0	1.000	0	0.0	2168
PGD7681	105.73	106.35	18	1086	26	254	13	9.0	2.000	0	0.0	1973
PGD7682	106.35	107.00	23	1133	22	210	10	5.0	2.000	0	0.0	1793
PGD7683	107.00	107.70	44	1765	24	172	9	3.0	4.000	0	0.0	2166
PGD7684	107.70	108.40	39	1377	23	130	8	3.0	1.000	0	0.0	1685
PGD7685	108.40	109.05	36	1690	26	185	11	0.0	2.000	0	0.0	1713
PGD7686	109.05	109.75	38	2152	25	159	9	0.0	4.000	0	0.0	2256
PGD7687	109.75	110.25	38	2245	22	151	10	4.0	3.000	0	0.0	2144
PGD7688	110.25	110.50	43	1346	21	142	7	2.0	2.000	0	0.0	2785
PGD7689	110.50	111.00	36	1868	23	151	10	2.0	3.000	0	0.0	1874
PGD7690	111.00	111.70	45	2456	22	129	8	3.0	3.000	0	0.0	2956
PGD7691	111.70	112.40	41	1790	23	109	9	3.0	2.000	0	0.0	2059
PGD7692	112.40	113.20	34	1926	25	108	7	2.0	3.000	0	0.0	2273
PGD7693	113.20	114.00	40	1777	24	106	5	2.0	4.000	0	0.0	2136
PGD7694	114.00	114.65	36	1738	23	103	5	3.0	4.000	0	0.0	2505
PGD7695	114.65	115.10	34	1934	27	113	7	4.0	3.000	0	0.0	2773
PGD7696	115.10	115.80	39	1895	25	111	9	2.0	3.000	0	0.0	2253
PGD7697	115.80	116.50	42	1757	23	107	8	2.0	3.000	0	1.0	2150
PGD7698	116.50	117.21	36	1741	23	104	9	4.0	3.000	0	0.0	2249
PGD7699	117.21	117.88	37	2014	23	122	8	1.0	4.000	0	0.0	2084
PGD7700	117.88	118.45	44	1934	24	294	11	2.0	3.000	0	0.0	2220
PGD7701	118.45	119.00	39	1850	23	134	9	3.0	2.000	0	0.0	1916
PGD7702	119.00	119.55	40	2017	23	148	8	4.0	3.000	0	0.0	1958
PGD7703	119.55	119.82	33	2015	18	147	7	0.0	2.000	0	0.0	2188
PGD7704	119.82	120.40	13	1381	26	286	18	5.0	1.000	0	1.0	1917
PGD7705	120.40	121.00	19	1497	27	272	17	2.0	1.000	0	0.0	1568
PGD7706	121.00	121.80	29	1545	27	295	19	18.0	2.000	0	1.0	1656
PGD7707	121.80	122.40	14	898	24	270	15	58.0	1.000	1	0.0	1630
PGD7708	122.40	122.60	40	1155	20	226	6	1.0	1.000	0	0.0	1543
PGD7709	122.60	123.21	30	1786	23	223	7	2.0	2.000	0	0.0	2442
PGD7710	123.21	124.00	20	1075	25	241	7	2.0	2.000	0	0.0	1107
PGD7711	124.00	124.40	19	611	22	152	6	21.0	3.000	0	0.0	692
PGD7712	124.40	124.70	15	557	16	165	3	0.0	2.000	0	0.0	745
PGD7713	124.70	125.10	14	718	10	278	3	13.0	1.000	0	0.0	958

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7714	125.10	126.00	16	914	8	278	4	33.0	0.000	0	1.0	1566
PGD7715	126.00	126.50	5	586	7	228	3	556.0	1.000	0	0.0	842
PGD7716	126.50	126.90	14	815	6	319	2	11.0	0.000	0	0.0	1487
PGD7717	126.90	127.45	17	1125	7	347	2	3.0	0.000	0	0.0	1531
PGD7718	127.45	128.00	22	1328	14	277	3	8.0	2.000	0	0.0	2683
PGD7719	128.00	128.40	12	1369	8	193	3	10.0	3.000	0	0.0	4705
PGD7720	128.40	128.65	14	764	9	65	2	23.0	2.000	0	0.0	2971
PGD7721	128.65	129.50	21	1513	10	143	4	4.0	2.000	0	0.0	2319
PGD7722	129.50	130.00	22	1222	11	121	3	2.0	1.000	0	0.0	1965
PGD7723	130.00	130.80	34	1649	11	124	4	2.0	2.000	0	0.0	2703
PGD7724	130.80	131.79	25	1423	15	148	6	4.0	2.000	0	1.0	1930

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7522	8.30	9.16	8	28	0	4	0.0	2	0.000
PGD7523	9.16	9.61	50	174	1	12	1.0	11	1.000
PGD7524	9.61	10.13	105	368	1	8	0.0	18	6.000
PGD7525	10.13	10.64	54	159	2	8	0.0	10	2.000
PGD7526	10.64	11.00	64	209	0	4	0.0	12	2.000
PGD7527	11.00	11.64	40	106	1	3	0.0	11	3.000
PGD7528	11.64	12.41	44	129	0	4	0.0	10	1.000
PGD7529	12.41	12.87	85	317	2	6	1.0	16	4.000
PGD7530	12.87	13.02	96	336	3	5	0.0	16	5.000
PGD7531	13.02	13.88	71	275	1	5	0.0	13	4.000
PGD7532	13.88	14.70	93	318	0	9	0.0	17	5.000
PGD7533	14.70	15.01	96	419	1	22	0.0	21	11.000
PGD7534	15.01	15.70	111	427	0	0	1.0	19	6.000
PGD7535	15.70	16.33	90	321	4	21	1.0	16	4.000
PGD7536	16.33	16.83	85	370	0	34	0.0	21	12.000
PGD7537	16.83	17.55	124	459	0	15	1.0	23	10.000
PGD7538	17.55	18.33	87	347	0	14	0.0	17	7.000
PGD7539	18.33	18.82	75	185	1	12	1.0	16	5.000
PGD7540	18.82	19.75	59	159	0	14	0.0	14	6.000
PGD7541	19.75	20.46	115	445	0	6	0.0	19	7.000
PGD7542	20.46	21.18	71	307	0	10	0.0	16	6.000
PGD7543	21.18	22.00	132	489	0	4	1.0	21	6.000
PGD7544	22.00	22.53	141	499	0	4	0.0	24	4.000
PGD7545	22.53	22.93	59	272	2	8	1.0	14	6.000
PGD7546	22.93	23.82	116	410	0	7	1.0	17	6.000
PGD7547	23.82	24.45	143	475	0	99	0.0	21	5.000
PGD7548	24.45	24.85	87	288	1	8	1.0	15	2.000
PGD7549	24.85	25.85	99	343	2	22	0.0	21	6.000
PGD7550	25.85	26.59	57	239	1	7	0.0	14	5.000
PGD7551	26.59	27.66	57	248	1	18	1.0	13	8.000
PGD7552	27.66	28.38	88	319	1	27	0.0	21	8.000
PGD7553	28.38	29.00	36	75	0	226	4.0	15	13.000
PGD7554	29.00	29.82	67	263	4	21	0.0	17	6.000
PGD7555	29.82	30.33	47	151	2	69	1.0	21	8.000
PGD7556	30.33	30.72	62	252	4	59	1.0	23	9.000
PGD7557	30.72	31.38	28	89	2	10	1.0	8	1.000
PGD7558	31.38	32.00	26	89	2	76	1.0	8	1.000
PGD7559	32.00	32.75	26	82	2	14	0.0	7	3.000
PGD7560	32.75	33.52	64	245	3	6	0.0	16	4.000
PGD7561	33.52	34.28	32	105	0	34	0.0	11	5.000
PGD7562	34.28	35.05	110	382	0	4	1.0	16	4.000
PGD7563	35.05	35.23	52	106	0	54	1.0	11	3.000
PGD7564	35.23	35.79	83	318	3	5	0.0	15	6.000
PGD7565	35.79	36.06	52	192	2	3	0.0	12	4.000
PGD7566	36.06	36.85	99	356	0	9	1.0	16	4.000
PGD7567	36.85	37.34	72	260	0	2	0.0	13	2.000
PGD7568	37.34	37.92	79	266	0	6	0.0	10	4.000
PGD7569	37.92	38.92	60	265	1	4	0.0	12	3.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7570	38.92	39.66	51	238	2	1	1.0	11	3.000
PGD7571	39.66	39.95	43	131	0	36	0.0	7	1.000
PGD7572	39.95	40.43	75	345	0	61	0.0	16	3.000
PGD7573	40.43	41.23	57	250	0	5	1.0	12	5.000
PGD7574	41.23	42.15	73	283	1	14	0.0	11	3.000
PGD7575	42.15	42.88	50	208	1	6	0.0	13	5.000
PGD7576	42.88	43.63	70	260	0	6	1.0	12	3.000
PGD7577	43.63	44.34	67	275	3	12	0.0	15	3.000
PGD7578	44.34	44.88	85	285	0	6	0.0	14	2.000
PGD7579	44.88	45.74	49	160	0	19	0.0	8	0.000
PGD7580	45.74	46.20	58	220	0	11	0.0	14	0.000
PGD7581	46.20	46.95	71	213	0	4	0.0	9	0.000
PGD7582	46.95	47.65	134	460	0	4	0.0	17	1.000
PGD7583	47.65	48.13	101	360	0	9	1.0	18	6.000
PGD7584	48.13	48.81	73	208	0	8	0.0	10	1.000
PGD7585	48.81	49.12	52	209	0	1	0.0	12	3.000
PGD7586	49.12	49.82	113	398	3	41	0.0	16	2.000
PGD7587	49.82	50.12	117	341	0	5	1.0	16	1.000
PGD7588	50.12	50.69	58	179	0	5	0.0	12	2.000
PGD7589	50.69	51.77	112	353	2	7	0.0	19	2.000
PGD7590	51.77	52.55	90	306	0	10	0.0	14	3.000
PGD7591	52.55	53.67	107	326	0	10	1.0	14	0.000
PGD7592	53.67	54.64	81	283	0	19	0.0	15	3.000
PGD7593	54.64	55.53	92	344	2	3	1.0	15	4.000
PGD7594	55.53	55.90	77	289	1	7	0.0	15	2.000
PGD7595	55.90	56.66	78	243	0	7	0.0	13	1.000
PGD7596	56.66	57.42	107	360	0	13	1.0	16	2.000
PGD7597	57.42	58.20	111	387	0	11	0.0	15	3.000
PGD7598	58.20	59.04	111	386	3	8	0.0	15	4.000
PGD7599	59.04	59.65	109	364	0	10	0.0	15	0.000
PGD7600	59.65	59.95	101	377	2	10	0.0	16	3.000
PGD7601	59.95	60.95	125	434	0	10	0.0	17	5.000
PGD7602	60.95	61.66	97	332	1	2	0.0	18	3.000
PGD7603	61.66	62.40	103	343	0	12	1.0	17	4.000
PGD7604	62.40	63.04	102	352	2	10	1.0	18	5.000
PGD7605	63.04	63.72	94	347	1	4	0.0	17	3.000
PGD7606	63.72	64.30	73	216	1	5	0.0	11	4.000
PGD7607	64.30	65.10	88	315	1	23	0.0	16	6.000
PGD7608	65.10	65.89	62	153	1	33	0.0	8	3.000
PGD7609	65.89	66.75	92	183	1	20	0.0	9	2.000
PGD7610	66.75	67.25	79	184	0	14	0.0	11	2.000
PGD7611	67.25	67.87	106	232	0	22	0.0	21	8.000
PGD7612	67.87	68.53	73	164	0	18	1.0	17	3.000
PGD7613	68.53	68.70	96	209	0	27	1.0	16	5.000
PGD7614	68.70	68.94	77	184	0	3	1.0	9	0.000
PGD7615	68.94	69.14	80	189	0	17	0.0	7	3.000
PGD7616	69.14	69.88	65	147	0	11	0.0	5	0.000
PGD7617	69.88	70.30	76	170	0	10	0.0	6	1.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7618	70.30	71.05	66	155	0	17	0.0	12	1.000
PGD7619	71.05	71.73	67	138	0	26	0.0	14	3.000
PGD7620	71.73	72.23	67	149	1	15	1.0	13	2.000
PGD7621	72.23	72.86	57	132	0	14	0.0	10	0.000
PGD7622	72.86	73.53	70	153	0	20	0.0	12	0.000
PGD7623	73.53	74.28	67	146	1	16	0.0	10	1.000
PGD7624	74.28	74.90	43	78	2	6	1.0	4	1.000
PGD7625	74.90	75.60	24	41	2	9	0.0	3	0.000
PGD7626	75.60	75.85	58	121	0	9	0.0	6	0.000
PGD7627	75.85	76.65	13	28	5	9	0.0	2	0.000
PGD7628	76.65	76.90	27	50	0	75	1.0	6	1.000
PGD7629	76.90	77.50	50	99	2	18	0.0	3	0.000
PGD7630	77.50	77.90	12	34	5	18	1.0	3	0.000
PGD7631	77.90	78.60	35	59	2	24	0.0	4	2.000
PGD7632	78.60	79.10	22	45	1	20	0.0	3	2.000
PGD7633	79.10	79.80	25	39	3	10	1.0	2	1.000
PGD7634	79.80	80.28	56	123	0	24	1.0	20	12.000
PGD7635	80.28	81.00	69	146	0	22	1.0	5	2.000
PGD7636	81.00	81.50	59	102	1	3	0.0	4	0.000
PGD7637	81.50	82.10	61	109	1	10	0.0	4	0.000
PGD7638	82.10	82.82	55	117	2	11	1.0	5	1.000
PGD7639	82.82	83.00	61	136	2	61	0.0	15	6.000
PGD7640	83.00	83.60	59	133	1	11	0.0	8	3.000
PGD7641	83.60	83.90	60	134	0	27	1.0	29	32.000
PGD7642	83.90	84.45	68	141	2	19	0.0	5	0.000
PGD7643	84.45	84.65	55	124	3	10	0.0	6	0.000
PGD7644	84.65	85.00	107	247	2	22	0.0	7	0.000
PGD7645	85.00	85.37	117	268	3	34	1.0	6	1.000
PGD7646	85.37	85.92	102	211	3	27	1.0	11	0.000
PGD7647	85.92	86.50	69	154	0	35	0.0	9	0.000
PGD7648	86.50	87.01	115	255	1	43	1.0	12	1.000
PGD7649	87.01	87.19	95	174	2	18	2.0	16	2.000
PGD7650	87.19	87.88	41	91	2	12	1.0	7	0.000
PGD7651	87.88	88.52	40	90	3	15	0.0	5	1.000
PGD7652	88.52	89.10	85	208	2	16	1.0	6	2.000
PGD7653	89.10	89.60	80	190	3	5	0.0	5	3.000
PGD7654	89.60	89.88	51	101	4	24	1.0	24	3.000
PGD7655	89.88	90.45	41	77	4	5	2.0	3	0.000
PGD7656	90.45	90.75	120	295	0	13	0.0	9	1.000
PGD7657	90.75	91.40	73	163	0	13	0.0	4	1.000
PGD7658	91.40	92.17	120	286	0	16	0.0	8	1.000
PGD7659	92.17	92.99	97	217	0	17	1.0	16	0.000
PGD7660	92.99	93.68	103	251	0	21	0.0	17	1.000
PGD7661	93.68	94.57	84	196	1	20	0.0	16	0.000
PGD7662	94.57	94.80	97	188	0	17	0.0	30	11.000
PGD7663	94.80	95.75	102	192	0	33	0.0	25	3.000
PGD7664	95.75	96.21	107	200	0	33	0.0	28	5.000
PGD7665	96.21	96.87	96	170	0	29	1.0	25	4.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7666	96.87	97.60	17	35	2	15	0.0	4	0.000
PGD7667	97.60	98.05	60	115	1	15	1.0	6	0.000
PGD7668	98.05	98.60	79	153	0	32	1.0	9	0.000
PGD7669	98.60	99.21	19	38	4	17	1.0	3	0.000
PGD7670	99.21	99.47	70	133	9	101	1.0	8	1.000
PGD7671	99.47	99.84	41	73	9	14	0.0	11	1.000
PGD7672	99.84	100.40	49	88	4	17	0.0	5	0.000
PGD7673	100.40	101.05	50	97	4	16	0.0	3	1.000
PGD7674	101.05	101.73	87	171	4	30	1.0	16	3.000
PGD7675	101.73	102.60	79	139	0	28	2.0	14	3.000
PGD7676	102.60	103.05	83	172	0	20	2.0	15	2.000
PGD7677	103.05	103.67	83	179	3	28	0.0	16	3.000
PGD7678	103.67	104.42	73	163	2	26	0.0	12	3.000
PGD7679	104.42	105.21	72	159	2	31	1.0	14	0.000
PGD7680	105.21	105.73	109	215	3	35	0.0	22	2.000
PGD7681	105.73	106.35	95	190	4	27	2.0	21	2.000
PGD7682	106.35	107.00	86	170	1	28	0.0	21	3.000
PGD7683	107.00	107.70	82	171	0	31	2.0	19	1.000
PGD7684	107.70	108.40	75	163	0	32	0.0	13	2.000
PGD7685	108.40	109.05	90	187	1	28	1.0	20	0.000
PGD7686	109.05	109.75	85	194	0	29	1.0	17	1.000
PGD7687	109.75	110.25	82	172	0	24	0.0	12	0.000
PGD7688	110.25	110.50	75	148	1	32	1.0	14	0.000
PGD7689	110.50	111.00	81	162	0	31	0.0	15	0.000
PGD7690	111.00	111.70	86	185	0	29	1.0	16	0.000
PGD7691	111.70	112.40	79	175	0	28	0.0	13	0.000
PGD7692	112.40	113.20	76	173	1	23	0.0	11	0.000
PGD7693	113.20	114.00	81	173	1	20	1.0	10	0.000
PGD7694	114.00	114.65	76	168	1	23	1.0	10	0.000
PGD7695	114.65	115.10	79	185	0	24	1.0	12	0.000
PGD7696	115.10	115.80	77	173	0	25	0.0	13	2.000
PGD7697	115.80	116.50	75	182	0	22	1.0	12	1.000
PGD7698	116.50	117.21	75	174	2	21	1.0	14	1.000
PGD7699	117.21	117.88	74	158	1	22	0.0	15	1.000
PGD7700	117.88	118.45	75	160	1	80	0.0	26	7.000
PGD7701	118.45	119.00	75	170	1	37	0.0	14	1.000
PGD7702	119.00	119.55	74	164	0	24	0.0	13	0.000
PGD7703	119.55	119.82	78	138	0	28	0.0	23	0.000
PGD7704	119.82	120.40	113	202	3	33	1.0	28	3.000
PGD7705	120.40	121.00	115	201	2	41	0.0	34	4.000
PGD7706	121.00	121.80	126	222	1	48	2.0	35	6.000
PGD7707	121.80	122.40	100	173	3	43	1.0	28	2.000
PGD7708	122.40	122.60	74	123	2	28	0.0	11	1.000
PGD7709	122.60	123.21	82	158	2	26	0.0	13	0.000
PGD7710	123.21	124.00	47	89	4	24	0.0	8	0.000
PGD7711	124.00	124.40	42	79	2	14	0.0	6	0.000
PGD7712	124.40	124.70	33	51	3	18	1.0	4	0.000
PGD7713	124.70	125.10	44	70	1	14	1.0	5	0.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7714	125.10	126.00	61	85	2	31	0.0	4	0.000
PGD7715	126.00	126.50	219	262	0	151	4.0	7	0.000
PGD7716	126.50	126.90	42	60	2	18	0.0	5	0.000
PGD7717	126.90	127.45	49	81	3	24	0.0	5	0.000
PGD7718	127.45	128.00	80	119	0	33	0.0	3	0.000
PGD7719	128.00	128.40	113	144	1	27	1.0	3	0.000
PGD7720	128.40	128.65	66	94	0	15	0.0	1	0.000
PGD7721	128.65	129.50	50	81	0	28	0.0	3	0.000
PGD7722	129.50	130.00	32	53	3	22	0.0	3	0.000
PGD7723	130.00	130.80	42	70	2	27	2.0	3	0.000
PGD7724	130.80	131.79	42	68	3	28	0.0	4	0.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7522	8.30	9.16	0.002	0.002	0.001	0.001
PGD7523	9.16	9.61	0.002	0.002	0.001	0.002
PGD7524	9.61	10.13	0.002	0.007	0.003	0.002
PGD7525	10.13	10.64	0.002	0.002	0.001	0.001
PGD7526	10.64	11.00	0.002	0.002	0.001	0.003
PGD7527	11.00	11.64	0.002	0.002	0.001	0.002
PGD7528	11.64	12.41	0.002	0.002	0.001	0.002
PGD7529	12.41	12.87	0.002	0.003	0.002	0.002
PGD7530	12.87	13.02	0.002	0.005	0.003	0.002
PGD7531	13.02	13.88	0.002	0.003	0.002	0.002
PGD7532	13.88	14.70	0.002	0.004	0.001	0.002
PGD7533	14.70	15.01	0.002	0.002	0.001	0.001
PGD7534	15.01	15.70	0.002	0.005	0.003	0.002
PGD7535	15.70	16.33	0.002	0.013	0.201	0.002
PGD7536	16.33	16.83	0.002	0.002	0.003	0.002
PGD7537	16.83	17.55	0.002	0.009	0.096	0.001
PGD7538	17.55	18.33	0.002	0.002	0.001	0.002
PGD7539	18.33	18.82	0.002	0.002	0.012	0.001
PGD7540	18.82	19.75	0.002	0.002	0.002	0.002
PGD7541	19.75	20.46	0.002	0.006	0.022	0.002
PGD7542	20.46	21.18	0.002	0.002	0.001	0.001
PGD7543	21.18	22.00	0.002	0.007	0.026	0.002
PGD7544	22.00	22.53	0.002	0.005	0.001	0.002
PGD7545	22.53	22.93	0.002	0.006	0.027	0.002
PGD7546	22.93	23.82	0.002	0.005	0.002	0.001
PGD7547	23.82	24.45	0.002	0.009	0.060	0.002
PGD7548	24.45	24.85	0.002	0.002	0.004	0.001
PGD7549	24.85	25.85	0.002	0.005	0.038	0.001
PGD7550	25.85	26.59	0.002	0.002	0.001	0.001
PGD7551	26.59	27.66	0.002	0.004	0.045	0.002
PGD7552	27.66	28.38	0.002	0.003	0.003	0.003
PGD7553	28.38	29.00	0.002	0.002	0.017	0.002
PGD7554	29.00	29.82	0.002	0.002	0.001	0.002
PGD7555	29.82	30.33	0.002	0.002	0.020	0.003
PGD7556	30.33	30.72	0.002	0.002	0.001	0.002
PGD7557	30.72	31.38	0.002	0.004	0.040	0.002
PGD7558	31.38	32.00	0.002	0.002	0.008	0.001
PGD7559	32.00	32.75	0.002	0.002	0.001	0.001
PGD7560	32.75	33.52	0.002	0.003	0.031	0.002
PGD7561	33.52	34.28	0.002	0.002	0.001	0.001
PGD7562	34.28	35.05	0.002	0.006	0.025	0.001
PGD7563	35.05	35.23	0.002	0.002	0.001	0.001
PGD7564	35.23	35.79	0.002	0.005	0.035	0.001
PGD7565	35.79	36.06	0.002	0.002	0.001	0.001
PGD7566	36.06	36.85	0.002	0.004	0.013	0.002
PGD7567	36.85	37.34	0.002	0.002	0.001	0.001
PGD7568	37.34	37.92	0.002	0.006	0.019	0.001
PGD7569	37.92	38.92	0.002	0.002	0.001	0.001

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7570	38.92	39.66	0.002	0.003	0.045	0.001
PGD7571	39.66	39.95	0.002	0.003	0.002	0.001
PGD7572	39.95	40.43	0.002	0.003	0.016	0.001
PGD7573	40.43	41.23	0.002	0.002	0.001	0.001
PGD7574	41.23	42.15	0.002	0.005	0.020	0.001
PGD7575	42.15	42.88	0.002	0.003	0.001	0.001
PGD7576	42.88	43.63	0.002	0.007	0.030	0.001
PGD7577	43.63	44.34	0.002	0.002	0.001	0.001
PGD7578	44.34	44.88	0.002	0.003	0.036	0.001
PGD7579	44.88	45.74	0.002	0.002	0.001	0.001
PGD7580	45.74	46.20	0.002	0.002	0.036	0.001
PGD7581	46.20	46.95	0.002	0.007	0.004	0.001
PGD7582	46.95	47.65	0.002	0.004	0.020	0.001
PGD7583	47.65	48.13	0.002	0.002	0.001	0.001
PGD7584	48.13	48.81	0.002	0.002	0.011	0.001
PGD7585	48.81	49.12	0.002	0.002	0.001	0.001
PGD7586	49.12	49.82	0.002	0.008	0.020	0.001
PGD7587	49.82	50.12	0.002	0.002	0.001	0.001
PGD7588	50.12	50.69	0.002	0.002	0.008	0.001
PGD7589	50.69	51.77	0.002	0.002	0.001	0.001
PGD7590	51.77	52.55	0.002	0.003	0.020	0.001
PGD7591	52.55	53.67	0.002	0.002	0.001	0.001
PGD7592	53.67	54.64	0.002	0.002	0.015	0.001
PGD7593	54.64	55.53	0.002	0.004	0.003	0.001
PGD7594	55.53	55.90	0.002	0.002	0.020	0.001
PGD7595	55.90	56.66	0.002	0.003	0.001	0.001
PGD7596	56.66	57.42	0.002	0.004	0.009	0.001
PGD7597	57.42	58.20	0.003	0.012	0.008	0.001
PGD7598	58.20	59.04	0.002	0.011	0.014	0.001
PGD7599	59.04	59.65	0.002	0.002	0.006	0.001
PGD7600	59.65	59.95	0.002	0.008	0.005	0.001
PGD7601	59.95	60.95	0.002	0.008	0.009	0.001
PGD7602	60.95	61.66	0.002	0.002	0.001	0.001
PGD7603	61.66	62.40	0.002	0.003	0.008	0.001
PGD7604	62.40	63.04	0.002	0.002	0.001	0.001
PGD7605	63.04	63.72	0.002	0.003	0.009	0.001
PGD7606	63.72	64.30	0.002	0.004	0.003	0.001
PGD7607	64.30	65.10	0.002	0.005	0.009	0.001
PGD7608	65.10	65.89	0.002	0.008	0.001	0.001
PGD7609	65.89	66.75	0.002	0.004	0.009	0.001
PGD7610	66.75	67.25	0.002	0.010	0.002	0.003
PGD7611	67.25	67.87	0.002	0.009	0.008	0.003
PGD7612	67.87	68.53	0.002	0.006	0.003	0.001
PGD7613	68.53	68.70	0.002	0.004	0.006	0.003
PGD7614	68.70	68.94	0.002	0.004	0.005	0.001
PGD7615	68.94	69.14	0.002	0.011	0.015	0.016
PGD7616	69.14	69.88	0.002	0.003	0.003	0.001
PGD7617	69.88	70.30	0.002	0.006	0.009	0.005

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7618	70.30	71.05	0.002	0.002	0.002	0.001
PGD7619	71.05	71.73	0.002	0.005	0.008	0.002
PGD7620	71.73	72.23	0.002	0.002	0.002	0.001
PGD7621	72.23	72.86	0.002	0.004	0.010	0.002
PGD7622	72.86	73.53	0.002	0.004	0.002	0.004
PGD7623	73.53	74.28	0.002	0.005	0.005	0.008
PGD7624	74.28	74.90	0.002	0.006	0.031	0.004
PGD7625	74.90	75.60	0.002	0.003	0.003	0.006
PGD7626	75.60	75.85	0.002	0.004	0.021	0.009
PGD7627	75.85	76.65	0.002	0.006	0.002	0.003
PGD7628	76.65	76.90	0.002	0.006	0.013	0.010
PGD7629	76.90	77.50	0.002	0.004	0.002	0.005
PGD7630	77.50	77.90	0.002	0.005	0.025	0.003
PGD7631	77.90	78.60	0.002	0.006	0.001	0.001
PGD7632	78.60	79.10	0.002	0.007	0.026	0.001
PGD7633	79.10	79.80	0.002	0.004	0.001	0.003
PGD7634	79.80	80.28	0.002	0.006	0.023	0.001
PGD7635	80.28	81.00	0.002	0.008	0.001	0.001
PGD7636	81.00	81.50	0.002	0.007	0.004	0.001
PGD7637	81.50	82.10	0.002	0.005	0.001	0.006
PGD7638	82.10	82.82	0.002	0.005	0.016	0.003
PGD7639	82.82	83.00	0.002	0.008	0.002	0.001
PGD7640	83.00	83.60	0.002	0.003	0.010	0.003
PGD7641	83.60	83.90	0.002	0.003	0.001	0.002
PGD7642	83.90	84.45	0.002	0.007	0.010	0.003
PGD7643	84.45	84.65	0.002	0.003	0.001	0.001
PGD7644	84.65	85.00	0.002	0.011	0.011	0.005
PGD7645	85.00	85.37	0.002	0.009	0.005	0.010
PGD7646	85.37	85.92	0.002	0.007	0.019	0.006
PGD7647	85.92	86.50	0.002	0.005	0.003	0.004
PGD7648	86.50	87.01	0.002	0.012	0.011	0.010
PGD7649	87.01	87.19	0.002	0.005	0.001	0.001
PGD7650	87.19	87.88	0.002	0.003	0.002	0.001
PGD7651	87.88	88.52	0.002	0.003	0.004	0.001
PGD7652	88.52	89.10	0.002	0.009	0.011	0.001
PGD7653	89.10	89.60	0.002	0.008	0.001	0.001
PGD7654	89.60	89.88	0.002	0.003	0.006	0.001
PGD7655	89.88	90.45	0.002	0.002	0.001	0.001
PGD7656	90.45	90.75	0.002	0.007	0.007	0.008
PGD7657	90.75	91.40	0.002	0.004	0.001	0.001
PGD7658	91.40	92.17	0.002	0.009	0.010	0.007
PGD7659	92.17	92.99	0.002	0.004	0.001	0.006
PGD7660	92.99	93.68	0.002	0.005	0.002	0.002
PGD7661	93.68	94.57	0.002	0.005	0.003	0.001
PGD7662	94.57	94.80	0.002	0.003	0.006	0.007
PGD7663	94.80	95.75	0.002	0.002	0.002	0.001
PGD7664	95.75	96.21	0.002	0.004	0.010	0.001
PGD7665	96.21	96.87	0.002	0.003	0.001	0.002

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7666	96.87	97.60	0.002	0.004	0.008	0.007
PGD7667	97.60	98.05	0.002	0.004	0.003	0.002
PGD7668	98.05	98.60	0.002	0.006	0.010	0.001
PGD7669	98.60	99.21	0.002	0.002	0.001	0.001
PGD7670	99.21	99.47	0.002	0.005	0.010	0.001
PGD7671	99.47	99.84	0.002	0.003	0.001	0.001
PGD7672	99.84	100.40	0.002	0.005	0.011	0.001
PGD7673	100.40	101.05	0.002	0.006	0.005	0.002
PGD7674	101.05	101.73	0.002	0.004	0.006	0.002
PGD7675	101.73	102.60	0.002	0.005	0.003	0.001
PGD7676	102.60	103.05	0.002	0.009	0.010	0.002
PGD7677	103.05	103.67	0.002	0.002	0.001	0.002
PGD7678	103.67	104.42	0.002	0.005	0.002	0.002
PGD7679	104.42	105.21	0.002	0.004	0.008	0.001
PGD7680	105.21	105.73	0.002	0.002	0.001	0.002
PGD7681	105.73	106.35	0.002	0.004	0.003	0.001
PGD7682	106.35	107.00	0.002	0.005	0.002	0.001
PGD7683	107.00	107.70	0.002	0.003	0.004	0.001
PGD7684	107.70	108.40	0.002	0.005	0.002	0.001
PGD7685	108.40	109.05	0.002	0.004	0.004	0.002
PGD7686	109.05	109.75	0.002	0.002	0.001	0.001
PGD7687	109.75	110.25	0.002	0.002	0.008	0.001
PGD7688	110.25	110.50	0.002	0.003	0.002	0.001
PGD7689	110.50	111.00	0.002	0.003	0.006	0.002
PGD7690	111.00	111.70	0.002	0.002	0.001	0.003
PGD7691	111.70	112.40	0.002	0.004	0.006	0.003
PGD7692	112.40	113.20	0.002	0.004	0.004	0.001
PGD7693	113.20	114.00	0.002	0.006	0.006	0.001
PGD7694	114.00	114.65	0.002	0.002	0.001	0.003
PGD7695	114.65	115.10	0.002	0.005	0.006	0.003
PGD7696	115.10	115.80	0.002	0.003	0.002	0.004
PGD7697	115.80	116.50	0.002	0.003	0.003	0.002
PGD7698	116.50	117.21	0.002	0.005	0.003	0.003
PGD7699	117.21	117.88	0.002	0.004	0.003	0.001
PGD7700	117.88	118.45	0.002	0.005	0.002	0.005
PGD7701	118.45	119.00	0.002	0.004	0.002	0.001
PGD7702	119.00	119.55	0.002	0.004	0.003	0.001
PGD7703	119.55	119.82	0.002	0.002	0.001	0.001
PGD7704	119.82	120.40	0.002	0.002	0.001	0.001
PGD7705	120.40	121.00	0.002	0.002	0.001	0.001
PGD7706	121.00	121.80	0.002	0.002	0.001	0.005
PGD7707	121.80	122.40	0.002	0.002	0.001	0.001
PGD7708	122.40	122.60	0.002	0.002	0.001	0.003
PGD7709	122.60	123.21	0.002	0.003	0.001	0.001
PGD7710	123.21	124.00	0.002	0.002	0.001	0.001
PGD7711	124.00	124.40	0.002	0.004	0.002	0.006
PGD7712	124.40	124.70	0.002	0.005	0.002	0.001
PGD7713	124.70	125.10	0.002	0.004	0.001	0.012

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7714	125.10	126.00	0.002	0.002	0.001	0.003
PGD7715	126.00	126.50	0.002	0.002	0.001	0.018
PGD7716	126.50	126.90	0.002	0.002	0.001	0.019
PGD7717	126.90	127.45	0.002	0.002	0.001	0.001
PGD7718	127.45	128.00	0.002	0.003	0.001	0.001
PGD7719	128.00	128.40	0.002	0.002	0.001	0.001
PGD7720	128.40	128.65	0.002	0.010	0.007	0.001
PGD7721	128.65	129.50	0.002	0.003	0.002	0.001
PGD7722	129.50	130.00	0.002	0.002	0.001	0.001
PGD7723	130.00	130.80	0.002	0.002	0.001	0.001
PGD7724	130.80	131.79	0.002	0.003	0.001	0.001

BRITISH GEOLOGICAL SURVEY

dti

MINERAL RECONNAISSANCE PROGRAMME

Open File Report No. 8

Loch Borralan Borehole 4

Trace Element and Precious Metal

Determinations on 118 Samples

DEPARTMENT OF TRADE AND INDUSTRY

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7404	6.00	6.96	84400	10130	398	7	1700	69400	23	8	201	99	1.0
PGD7405	6.96	8.26	46400	5380	251	4	1210	46000	14	3	115	64	1.0
PGD7406	8.26	8.71	77100	8270	306	7	1500	65600	26	10	187	101	1.0
PGD7407	8.71	8.85	56200	6040	267	11	1250	52100	20	8	166	80	0.0
PGD7408	8.85	9.50	67300	7010	278	8	1430	57200	21	8	161	93	2.0
PGD7409	9.50	10.15	84600	9240	371	2	1720	68700	23	8	153	108	1.0
PGD7410	10.15	10.80	73500	8050	303	5	1540	61300	21	6	166	116	0.0
PGD7411	10.80	11.13	81000	8560	309	5	1690	66400	24	9	349	136	2.0
PGD7412	11.13	11.49	53400	5590	240	8	1210	49500	20	8	146	83	2.0
PGD7413	11.49	12.00	59600	4680	208	11	1240	43900	15	4	106	80	1.0
PGD7414	12.00	12.65	68300	6220	275	11	1280	50000	16	3	96	77	1.0
PGD7415	12.65	12.86	51000	3930	186	10	990	37500	12	3	90	54	1.0
PGD7416	12.86	14.21	64500	5860	226	15	1310	52000	21	8	203	83	0.0
PGD7417	14.21	14.45	81000	5330	232	11	1510	64100	28	12	171	113	1.0
PGD7418	14.45	14.92	79200	6310	264	15	1570	67200	25	11	155	114	0.0
PGD7419	14.92	15.45	84200	6860	292	10	1650	71700	27	12	236	121	0.0
PGD7420	15.45	16.10	72400	6370	273	14	1440	58000	21	10	179	99	1.0
PGD7421	16.10	16.42	74100	6730	276	10	1410	58900	22	9	207	95	0.0
PGD7422	16.42	16.90	76800	6000	258	9	1410	58500	21	10	133	98	4.0
PGD7423	16.90	17.53	72000	7620	295	10	1420	60300	20	8	214	99	3.0
PGD7424	17.53	18.20	77200	10860	391	6	1410	59300	16	4	218	77	0.0
PGD7425	18.20	18.56	117600	17440	579	1	1870	78600	25	5	348	147	1.0
PGD7426	18.56	19.31	68400	8360	255	1	1210	53700	22	4	261	83	0.0
PGD7427	19.31	19.98	64000	7170	218	0	1260	60100	27	7	234	107	1.0
PGD7428	19.98	20.55	19100	1000	31	13	280	11700	5	3	127	37	4.0
PGD7429	20.55	20.74	77500	5970	218	0	1130	62800	26	7	238	99	2.0
PGD7430	20.74	20.87	47600	3610	129	6	560	32300	11	3	139	42	3.0
PGD7431	20.87	21.05	103900	7960	376	0	1680	104200	40	14	584	167	5.0
PGD7432	21.05	21.47	38700	3320	105	6	710	30700	12	4	128	71	4.0
PGD7433	21.47	21.99	112300	13180	359	2	1420	72200	31	10	631	89	3.0
PGD7434	21.99	22.77	109300	7490	275	0	1360	90400	38	16	538	101	0.0
PGD7435	22.77	22.96	35000	2920	117	7	520	23400	8	2	173	33	1.0
PGD7436	22.96	23.75	43500	280	52	10	320	8400	0	0	26	26	0.0
PGD7437	23.75	24.06	124600	17890	461	0	1680	75700	28	9	569	88	1.0
PGD7438	24.06	24.34	130100	11100	344	0	1490	93900	38	13	503	103	2.0
PGD7439	24.34	24.59	33800	2140	81	21	710	31300	11	5	216	61	2.0
PGD7440	24.59	25.42	119500	8440	279	0	1410	94600	39	20	730	101	0.0
PGD7441	25.42	25.67	111500	18160	465	0	1440	72600	22	8	545	70	1.0
PGD7442	25.67	26.56	119500	7940	263	1	1410	89300	39	22	591	108	3.0
PGD7443	26.56	27.14	111200	8960	279	0	1380	83200	36	20	763	104	4.0
PGD7444	27.14	28.00	121600	7940	236	1	1270	87400	41	27	667	91	2.0
PGD7445	28.00	28.20	105000	8130	251	0	1280	78000	37	20	638	85	2.0
PGD7446	28.20	29.10	118800	8070	251	0	1330	92200	42	27	836	94	3.0
PGD7447	29.10	30.05	118700	8170	256	0	1350	92600	42	26	898	98	1.0
PGD7448	30.05	30.90	107300	8800	249	0	1290	84700	38	22	673	88	3.0
PGD7449	30.90	31.65	114500	8800	308	0	1450	103400	44	27	863	111	0.0
PGD7450	31.65	31.89	59300	2620	123	3	540	36500	14	5	453	37	3.0
PGD7451	31.89	32.65	116900	8950	246	0	1300	86800	41	25	807	88	0.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7452	32.65	33.30	115500	8370	274	0	1460	91800	39	24	730	111	3.0
PGD7453	33.30	34.29	118400	8840	292	0	1470	94100	40	24	758	110	1.0
PGD7454	34.29	34.50	117900	8850	276	0	1430	97000	43	24	686	108	1.0
PGD7455	34.50	34.85	97300	7290	231	0	1250	83400	37	21	868	103	4.0
PGD7456	34.85	35.52	115800	9040	249	0	1320	88500	42	24	1552	86	4.0
PGD7457	35.52	35.80	120000	8640	272	0	1400	95300	43	23	1245	90	1.0
PGD7458	35.80	36.10	88500	7350	219	4	1170	68900	33	19	1631	95	2.0
PGD7459	36.10	36.71	113200	8370	240	0	1290	81900	37	19	1141	86	6.0
PGD7460	36.71	37.63	104300	5270	274	160	1700	84200	38	87	84	103	2.0
PGD7461	37.63	38.15	102000	5530	263	155	1650	81300	36	79	50	104	4.0
PGD7462	38.15	38.42	83400	6210	251	212	1650	83700	45	112	79	133	6.0
PGD7463	38.42	38.90	115000	7650	453	9	1350	63000	10	9	18	55	2.0
PGD7464	38.90	39.45	100700	4290	229	151	1630	68800	34	90	110	102	2.0
PGD7465	39.45	40.10	127300	4830	294	49	1590	64500	25	28	52	79	0.0
PGD7466	40.10	40.73	107800	5930	303	57	1670	77300	33	54	120	104	0.0
PGD7467	40.73	41.10	130900	7450	468	20	1470	69200	13	14	35	59	1.0
PGD7468	41.10	41.45	35700	1620	144	21	470	19400	3	3	11	41	0.0
PGD7469	41.45	41.79	81300	5930	281	134	1990	90300	37	65	18	146	1.0
PGD7470	41.79	42.50	101600	5100	254	183	1600	73600	32	82	54	110	1.0
PGD7471	42.50	43.00	95600	5070	260	86	1780	82000	36	69	42	142	3.0
PGD7472	43.00	43.72	101500	5470	321	33	1750	83300	32	48	100	127	0.0
PGD7473	43.72	44.40	110100	6160	341	45	1700	85800	30	49	34	107	4.0
PGD7474	44.40	44.92	96800	4000	258	30	1740	74400	32	29	107	96	0.0
PGD7475	44.92	45.34	65300	4860	321	8	1020	53500	12	2	97	30	0.0
PGD7476	45.34	46.18	101400	5630	302	4	1470	61900	19	7	80	61	0.0
PGD7477	46.18	46.93	120600	4590	289	7	1450	53900	13	8	13	60	4.0
PGD7478	46.93	47.16	94600	5260	203	245	1480	59400	29	82	24	93	3.0
PGD7479	47.16	47.70	116700	3770	248	98	1390	50200	15	31	22	61	5.0
PGD7480	47.70	48.20	116500	4240	277	32	1550	60000	20	22	41	70	1.0
PGD7481	48.20	49.01	124700	6880	440	5	1340	64000	7	8	15	43	2.0
PGD7482	49.01	49.77	114000	4510	258	64	1760	70800	27	42	46	100	3.0
PGD7483	49.77	50.10	133900	7820	503	3	1480	73800	8	11	18	50	0.0
PGD7484	50.10	50.75	102500	4620	219	104	1500	67200	31	67	61	107	4.0
PGD7485	50.75	51.70	98700	5250	233	124	1590	78800	35	72	86	119	0.0
PGD7486	51.70	52.43	91200	7370	300	73	1410	89200	39	71	78	116	3.0
PGD7487	52.43	52.76	76100	4390	275	6	900	43500	5	6	43	46	2.0
PGD7488	52.76	53.25	87200	7720	301	68	1480	92800	41	65	81	131	3.0
PGD7489	53.25	53.45	71600	7440	309	62	1550	88100	36	51	29	153	0.0
PGD7490	53.45	53.92	82300	8610	324	138	1610	94600	42	79	31	137	2.0
PGD7491	53.92	54.77	86600	8510	364	116	1520	104200	44	97	51	140	0.0
PGD7492	54.77	54.87	110400	9020	513	68	1400	130900	43	86	61	162	0.0
PGD7493	54.87	55.55	83400	8100	302	216	1360	92900	45	132	112	121	2.0
PGD7494	55.55	55.95	84600	8760	375	46	1610	105800	41	51	82	158	0.0
PGD7495	55.95	56.55	97800	6220	265	30	1590	79600	34	44	120	123	1.0
PGD7496	56.55	57.32	86900	7130	323	40	1650	93000	35	52	81	159	2.0
PGD7497	57.32	57.96	82400	6680	316	40	1580	61300	18	20	29	120	0.0
PGD7498	57.96	58.77	90700	7810	314	117	1630	95000	40	73	129	151	1.0
PGD7499	58.77	59.50	64600	5610	203	673	1600	82500	50	477	76	127	1.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Ca (ppm)	Ti (ppm)	V (ppm)	Cr (ppm)	Mn (ppm)	Fe (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)	As (ppm)
PGD7500	59.50	60.03	65600	5910	250	749	1590	91700	53	506	35	132	0.0
PGD7501	60.03	60.95	115600	7350	401	11	1560	112300	42	54	47	128	0.0
PGD7502	60.95	61.75	92600	6580	258	115	1400	81200	36	82	69	110	5.0
PGD7503	61.75	62.15	80700	5500	220	64	1450	71400	32	43	56	114	1.0
PGD7504	62.15	63.18	91400	7440	320	83	1540	96200	39	68	33	139	0.0
PGD7505	63.18	63.77	89800	6980	285	386	1490	93500	47	165	58	132	0.0
PGD7506	63.77	64.06	69200	7330	275	249	1590	88600	38	71	110	140	3.0
PGD7507	64.06	64.70	87400	8080	311	96	1580	94200	41	66	41	140	0.0
PGD7508	64.70	65.38	92800	6640	262	199	1440	80500	37	91	47	131	4.0
PGD7509	65.38	65.62	106000	2800	140	87	1040	38900	17	34	5	74	16.0
PGD7510	65.62	66.35	105100	5840	297	92	1370	86300	36	58	31	109	0.0
PGD7511	66.35	66.62	63600	5930	155	418	1120	58900	35	268	44	109	0.0
PGD7512	66.62	67.45	108800	4950	240	65	1350	70900	29	39	39	95	1.0
PGD7513	67.45	67.74	96900	5760	274	72	1390	79600	32	42	51	107	1.0
PGD7514	67.74	68.52	94700	7040	306	132	1340	91400	39	105	137	116	8.0
PGD7515	68.52	68.98	120900	6000	310	209	1280	90800	38	65	40	105	2.0
PGD7516	68.98	69.15	70100	2500	147	27	890	41900	12	19	18	104	13.0
PGD7517	69.15	70.15	79300	3530	155	1168	1170	64700	52	550	27	82	7.0
PGD7518	70.15	70.74	96100	4150	200	347	1370	67800	36	162	47	96	3.0
PGD7519	70.74	70.86	88600	3980	194	135	1150	64700	27	45	24	114	10.0
PGD7520	70.86	71.70	124400	4900	253	237	1340	77500	32	58	15	102	3.0
PGD7521	71.70	72.70	112900	7220	339	32	1310	102600	41	67	16	109	3.0

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7404	6.00	6.96	196	1182	180	893	12	0.0	5.000	3	0.0	217
PGD7405	6.96	8.26	187	1729	89	429	7	4.0	3.000	0	0.0	974
PGD7406	8.26	8.71	183	1511	120	653	11	2.0	5.000	4	0.0	371
PGD7407	8.71	8.85	162	1956	116	618	8	3.0	5.000	3	0.0	3052
PGD7408	8.85	9.50	172	1403	116	652	11	2.0	5.000	4	0.0	1288
PGD7409	9.50	10.15	131	1177	163	833	13	4.0	4.000	5	0.0	1127
PGD7410	10.15	10.80	143	1353	143	868	15	4.0	5.000	4	0.0	1476
PGD7411	10.80	11.13	169	854	144	805	17	0.0	6.000	5	0.0	526
PGD7412	11.13	11.49	158	1949	99	529	10	3.0	3.000	3	0.0	2679
PGD7413	11.49	12.00	170	2076	74	529	8	5.0	2.000	1	0.0	540
PGD7414	12.00	12.65	180	2156	90	826	9	4.0	4.000	3	0.0	888
PGD7415	12.65	12.86	199	1721	60	463	5	2.0	2.000	0	0.0	814
PGD7416	12.86	14.21	229	1951	101	519	9	3.0	4.000	4	1.0	840
PGD7417	14.21	14.45	146	2059	52	336	7	3.0	4.000	1	0.0	1744
PGD7418	14.45	14.92	166	2274	83	444	9	3.0	4.000	2	0.0	767
PGD7419	14.92	15.45	132	2040	83	477	8	6.0	4.000	2	0.0	1532
PGD7420	15.45	16.10	183	1745	92	574	8	5.0	5.000	3	0.0	1014
PGD7421	16.10	16.42	159	1251	98	588	8	2.0	4.000	2	0.0	1119
PGD7422	16.42	16.90	159	1456	83	491	11	4.0	3.000	3	0.0	1481
PGD7423	16.90	17.53	165	2102	124	716	12	7.0	7.000	2	0.0	4538
PGD7424	17.53	18.20	101	2108	166	1079	18	5.0	5.000	7	0.0	1363
PGD7425	18.20	18.56	62	1145	371	2006	24	0.0	7.000	10	0.0	875
PGD7426	18.56	19.31	70	1931	209	849	9	3.0	4.000	3	0.0	2612
PGD7427	19.31	19.98	90	1656	129	598	6	2.0	4.000	3	0.0	3369
PGD7428	19.98	20.55	105	2954	5	167	4	4.0	3.000	0	0.0	8842
PGD7429	20.55	20.74	87	1942	92	451	8	9.0	3.000	4	0.0	2832
PGD7430	20.74	20.87	92	2979	70	594	5	3.0	2.000	0	0.0	5328
PGD7431	20.87	21.05	73	1293	76	340	8	2.0	6.000	4	0.0	810
PGD7432	21.05	21.47	121	2104	28	364	18	5.0	5.000	0	0.0	6624
PGD7433	21.47	21.99	57	1325	241	1277	12	1.0	6.000	9	0.0	701
PGD7434	21.99	22.77	47	1220	53	233	3	2.0	7.000	1	0.0	757
PGD7435	22.77	22.96	104	3450	38	283	5	6.0	3.000	0	0.0	12790
PGD7436	22.96	23.75	140	1351	9	110	4	151.0	3.000	0	0.0	749
PGD7437	23.75	24.06	55	1026	335	1803	18	0.0	7.000	10	0.0	506
PGD7438	24.06	24.34	35	1045	129	620	8	4.0	6.000	5	0.0	268
PGD7439	24.34	24.59	64	1028	18	250	15	3.0	2.000	0	0.0	569
PGD7440	24.59	25.42	29	934	62	293	5	1.0	8.000	2	0.0	417
PGD7441	25.42	25.67	42	1413	312	1673	17	0.0	5.000	12	0.0	2581
PGD7442	25.67	26.56	25	1135	65	261	3	4.0	7.000	3	0.0	348
PGD7443	26.56	27.14	39	1513	111	502	6	3.0	7.000	5	0.0	850
PGD7444	27.14	28.00	24	935	57	222	4	2.0	6.000	2	0.0	350
PGD7445	28.00	28.20	33	1562	93	404	4	1.0	6.000	1	0.0	2006
PGD7446	28.20	29.10	23	995	59	223	3	4.0	7.000	3	0.0	425
PGD7447	29.10	30.05	29	1143	62	242	5	3.0	6.000	4	0.0	620
PGD7448	30.05	30.90	56	1239	85	346	5	3.0	7.000	4	0.0	583
PGD7449	30.90	31.65	26	1326	61	277	3	4.0	6.000	2	0.0	637
PGD7450	31.65	31.89	42	3414	22	180	4	5.0	4.000	0	0.0	3713
PGD7451	31.89	32.65	43	1087	85	350	6	5.0	6.000	4	0.0	763

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7452	32.65	33.30	42	1282	71	312	6	4.0	6.000	1	0.0	645
PGD7453	33.30	34.29	31	1098	80	348	5	1.0	6.000	2	0.0	456
PGD7454	34.29	34.50	39	1112	66	305	4	4.0	6.000	2	0.0	570
PGD7455	34.50	34.85	49	1535	56	430	8	1.0	6.000	2	0.0	788
PGD7456	34.85	35.52	42	943	92	341	4	3.0	6.000	3	0.0	595
PGD7457	35.52	35.80	33	975	54	259	5	1.0	6.000	2	0.0	568
PGD7458	35.80	36.10	47	1482	82	629	8	3.0	6.000	2	0.0	2652
PGD7459	36.10	36.71	47	960	89	356	6	2.0	7.000	3	0.0	567
PGD7460	36.71	37.63	74	891	13	144	4	2.0	7.000	0	0.0	1069
PGD7461	37.63	38.15	71	986	15	145	3	3.0	6.000	0	0.0	1276
PGD7462	38.15	38.42	98	988	19	195	7	3.0	6.000	0	0.0	1540
PGD7463	38.42	38.90	50	1875	55	1073	10	0.0	5.000	3	0.0	1274
PGD7464	38.90	39.45	67	1166	18	222	6	3.0	6.000	0	0.0	1167
PGD7465	39.45	40.10	60	1267	30	465	5	1.0	6.000	3	0.0	630
PGD7466	40.10	40.73	76	1115	25	339	5	0.0	6.000	2	0.0	1222
PGD7467	40.73	41.10	55	999	63	851	9	2.0	5.000	2	0.0	468
PGD7468	41.10	41.45	124	1068	17	769	19	13.0	1.000	0	0.0	823
PGD7469	41.45	41.79	117	913	9	174	6	1.0	5.000	0	0.0	2310
PGD7470	41.79	42.50	81	1150	20	235	6	0.0	4.000	0	0.0	1193
PGD7471	42.50	43.00	99	1098	18	126	5	2.0	4.000	0	0.0	1461
PGD7472	43.00	43.72	86	1125	26	260	6	4.0	5.000	0	0.0	1025
PGD7473	43.72	44.40	98	935	34	279	4	3.0	6.000	1	0.0	1035
PGD7474	44.40	44.92	151	849	14	195	3	3.0	5.000	0	0.0	1030
PGD7475	44.92	45.34	356	772	37	489	5	1.0	5.000	1	0.0	754
PGD7476	45.34	46.18	194	680	58	570	6	3.0	6.000	0	0.0	781
PGD7477	46.18	46.93	131	871	49	627	8	3.0	5.000	0	0.0	353
PGD7478	46.93	47.16	143	1055	30	238	6	2.0	4.000	0	0.0	1395
PGD7479	47.16	47.70	155	1039	30	381	5	2.0	5.000	1	0.0	494
PGD7480	47.70	48.20	138	882	31	420	5	2.0	5.000	0	0.0	461
PGD7481	48.20	49.01	110	825	74	865	7	2.0	4.000	1	0.0	434
PGD7482	49.01	49.77	95	1044	21	243	5	6.0	4.000	0	0.0	966
PGD7483	49.77	50.10	93	771	72	847	7	1.0	5.000	1	0.0	501
PGD7484	50.10	50.75	92	1327	20	215	6	8.0	5.000	0	0.0	1224
PGD7485	50.75	51.70	87	1078	18	180	6	0.0	5.000	0	0.0	1592
PGD7486	51.70	52.43	103	1028	28	175	9	4.0	5.000	0	0.0	1391
PGD7487	52.43	52.76	149	729	45	671	10	3.0	5.000	1	0.0	905
PGD7488	52.76	53.25	54	1594	35	133	12	1.0	5.000	2	0.0	411
PGD7489	53.25	53.45	49	2108	35	209	16	2.0	4.000	0	0.0	976
PGD7490	53.45	53.92	21	1260	39	114	11	1.0	5.000	0	0.0	602
PGD7491	53.92	54.77	22	1350	37	99	9	4.0	6.000	1	0.0	405
PGD7492	54.77	54.87	18	1365	29	55	5	4.0	8.000	3	0.0	239
PGD7493	54.87	55.55	34	1344	31	97	7	1.0	5.000	0	0.0	515
PGD7494	55.55	55.95	18	1412	36	115	10	4.0	5.000	2	0.0	564
PGD7495	55.95	56.55	21	1243	32	123	9	5.0	5.000	0	0.0	473
PGD7496	56.55	57.32	42	1566	32	198	14	1.0	5.000	0	0.0	653
PGD7497	57.32	57.96	42	2219	89	532	32	1.0	5.000	2	0.0	3711
PGD7498	57.96	58.77	38	1293	34	106	9	3.0	6.000	0	0.0	579
PGD7499	58.77	59.50	36	1768	25	79	4	2.0	4.000	0	0.0	855

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rb (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	Sn (ppm)	Sb (ppm)	Ba (ppm)
PGD7500	59.50	60.03	46	1461	21	76	5	4.0	5.000	0	1.0	1055
PGD7501	60.03	60.95	10	850	25	59	2	2.0	7.000	0	0.0	236
PGD7502	60.95	61.75	22	2312	32	89	5	4.0	5.000	0	0.0	437
PGD7503	61.75	62.15	47	1685	28	130	8	2.0	4.000	0	0.0	690
PGD7504	62.15	63.18	23	1362	34	138	9	3.0	6.000	0	0.0	495
PGD7505	63.18	63.77	31	1301	32	116	7	5.0	5.000	1	0.0	617
PGD7506	63.77	64.06	46	1313	31	108	9	3.0	5.000	0	0.0	855
PGD7507	64.06	64.70	27	1644	37	122	10	3.0	4.000	2	0.0	617
PGD7508	64.70	65.38	40	1697	34	181	11	5.0	4.000	0	0.0	673
PGD7509	65.38	65.62	36	1515	34	167	7	2.0	4.000	0	0.0	866
PGD7510	65.62	66.35	24	1214	19	85	3	3.0	7.000	1	0.0	491
PGD7511	66.35	66.62	81	1668	22	411	19	2.0	3.000	0	0.0	2267
PGD7512	66.62	67.45	14	947	22	94	4	5.0	6.000	0	0.0	368
PGD7513	67.45	67.74	18	1321	27	93	4	4.0	5.000	0	0.0	550
PGD7514	67.74	68.52	38	1781	27	101	7	2.0	5.000	0	0.0	716
PGD7515	68.52	68.98	14	884	20	72	5	5.0	5.000	0	1.0	473
PGD7516	68.98	69.15	39	4036	57	204	13	2.0	5.000	0	0.0	3351
PGD7517	69.15	70.15	41	779	16	67	4	2.0	5.000	0	0.0	829
PGD7518	70.15	70.74	29	1312	21	115	3	4.0	4.000	0	0.0	609
PGD7519	70.74	70.86	74	721	20	182	4	1.0	4.000	1	0.0	640
PGD7520	70.86	71.70	17	1002	23	98	5	3.0	4.000	0	0.0	200
PGD7521	71.70	72.70	23	552	18	53	2	3.0	7.000	0	0.0	307

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7404	6.00	6.96	107	375	4	7	2.0	20	8.000
PGD7405	6.96	8.26	62	186	2	19	0.0	11	3.000
PGD7406	8.26	8.71	103	332	2	6	0.0	17	5.000
PGD7407	8.71	8.85	65	225	3	9	1.0	15	4.000
PGD7408	8.85	9.50	92	296	2	14	0.0	20	7.000
PGD7409	9.50	10.15	109	367	4	14	0.0	22	4.000
PGD7410	10.15	10.80	103	350	6	42	1.0	27	8.000
PGD7411	10.80	11.13	113	398	3	34	2.0	27	7.000
PGD7412	11.13	11.49	70	223	3	14	1.0	14	1.000
PGD7413	11.49	12.00	75	232	1	10	0.0	24	4.000
PGD7414	12.00	12.65	75	270	1	20	2.0	23	5.000
PGD7415	12.65	12.86	52	168	0	5	0.0	16	3.000
PGD7416	12.86	14.21	80	263	3	9	0.0	17	6.000
PGD7417	14.21	14.45	99	322	2	6	1.0	16	2.000
PGD7418	14.45	14.92	93	292	1	3	2.0	16	2.000
PGD7419	14.92	15.45	106	337	2	3	0.0	18	5.000
PGD7420	15.45	16.10	87	272	4	13	1.0	18	6.000
PGD7421	16.10	16.42	82	261	3	7	1.0	17	6.000
PGD7422	16.42	16.90	92	278	1	9	1.0	18	5.000
PGD7423	16.90	17.53	89	304	4	5	1.0	19	6.000
PGD7424	17.53	18.20	59	252	7	17	0.0	18	6.000
PGD7425	18.20	18.56	95	429	12	147	4.0	43	25.000
PGD7426	18.56	19.31	73	254	6	13	0.0	17	6.000
PGD7427	19.31	19.98	71	235	5	17	0.0	15	3.000
PGD7428	19.98	20.55	10	21	0	58	0.0	6	0.000
PGD7429	20.55	20.74	74	226	3	14	1.0	15	5.000
PGD7430	20.74	20.87	29	85	0	14	0.0	13	3.000
PGD7431	20.87	21.05	138	417	0	12	0.0	24	8.000
PGD7432	21.05	21.47	45	130	0	149	1.0	16	17.000
PGD7433	21.47	21.99	87	339	4	35	1.0	22	9.000
PGD7434	21.99	22.77	87	258	0	30	0.0	8	1.000
PGD7435	22.77	22.96	26	84	0	135	3.0	11	1.000
PGD7436	22.96	23.75	22	38	0	122	2.0	9	1.000
PGD7437	23.75	24.06	101	428	9	22	1.0	29	15.000
PGD7438	24.06	24.34	113	391	0	32	0.0	16	6.000
PGD7439	24.34	24.59	71	147	0	56	2.0	19	5.000
PGD7440	24.59	25.42	69	207	0	40	0.0	10	2.000
PGD7441	25.42	25.67	76	345	11	23	0.0	23	10.000
PGD7442	25.67	26.56	87	268	2	48	0.0	10	1.000
PGD7443	26.56	27.14	95	308	3	49	1.0	14	4.000
PGD7444	27.14	28.00	77	234	3	29	2.0	10	2.000
PGD7445	28.00	28.20	72	225	2	31	1.0	12	2.000
PGD7446	28.20	29.10	72	234	2	24	0.0	10	4.000
PGD7447	29.10	30.05	75	235	1	27	1.0	8	4.000
PGD7448	30.05	30.90	72	244	1	23	0.0	12	3.000
PGD7449	30.90	31.65	76	231	1	39	0.0	10	2.000
PGD7450	31.65	31.89	21	60	0	45	2.0	6	0.000
PGD7451	31.89	32.65	77	247	1	25	0.0	12	2.000

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7452	32.65	33.30	93	281	1	47	0.0	14	3.000
PGD7453	33.30	34.29	89	265	0	48	1.0	11	1.000
PGD7454	34.29	34.50	83	266	0	39	0.0	12	4.000
PGD7455	34.50	34.85	86	243	0	53	0.0	18	7.000
PGD7456	34.85	35.52	73	233	2	39	1.0	12	2.000
PGD7457	35.52	35.80	79	235	1	40	0.0	13	0.000
PGD7458	35.80	36.10	71	224	0	43	1.0	21	9.000
PGD7459	36.10	36.71	87	277	3	30	0.0	14	4.000
PGD7460	36.71	37.63	61	184	0	8	0.0	9	2.000
PGD7461	37.63	38.15	60	184	0	4	1.0	7	2.000
PGD7462	38.15	38.42	63	184	0	14	0.0	12	2.000
PGD7463	38.42	38.90	110	427	1	27	0.0	36	9.000
PGD7464	38.90	39.45	82	251	0	56	0.0	13	2.000
PGD7465	39.45	40.10	118	423	0	7	0.0	21	3.000
PGD7466	40.10	40.73	80	250	0	12	1.0	14	4.000
PGD7467	40.73	41.10	119	442	0	9	0.0	24	7.000
PGD7468	41.10	41.45	28	85	0	70	0.0	21	14.000
PGD7469	41.45	41.79	82	221	0	20	1.0	15	4.000
PGD7470	41.79	42.50	80	239	0	11	0.0	15	5.000
PGD7471	42.50	43.00	107	298	0	10	0.0	19	4.000
PGD7472	43.00	43.72	85	254	0	57	1.0	14	5.000
PGD7473	43.72	44.40	79	247	0	9	0.0	14	3.000
PGD7474	44.40	44.92	65	214	0	5	1.0	11	2.000
PGD7475	44.92	45.34	26	135	0	7	0.0	7	2.000
PGD7476	45.34	46.18	69	266	0	12	0.0	16	4.000
PGD7477	46.18	46.93	89	317	2	50	1.0	24	3.000
PGD7478	46.93	47.16	62	195	2	7	0.0	10	2.000
PGD7479	47.16	47.70	123	428	2	8	0.0	25	6.000
PGD7480	47.70	48.20	102	355	1	16	0.0	20	5.000
PGD7481	48.20	49.01	117	438	4	12	0.0	25	6.000
PGD7482	49.01	49.77	76	236	1	8	0.0	15	1.000
PGD7483	49.77	50.10	63	280	3	6	1.0	16	5.000
PGD7484	50.10	50.75	81	229	0	10	0.0	20	4.000
PGD7485	50.75	51.70	65	184	1	17	0.0	10	1.000
PGD7486	51.70	52.43	67	181	1	20	2.0	10	2.000
PGD7487	52.43	52.76	55	201	4	143	0.0	21	8.000
PGD7488	52.76	53.25	87	229	2	9	0.0	11	2.000
PGD7489	53.25	53.45	99	271	0	24	0.0	16	3.000
PGD7490	53.45	53.92	73	221	0	5	0.0	6	0.000
PGD7491	53.92	54.77	82	223	0	4	1.0	7	0.000
PGD7492	54.77	54.87	93	247	0	12	1.0	8	0.000
PGD7493	54.87	55.55	72	193	0	9	0.0	7	0.000
PGD7494	55.55	55.95	91	251	0	15	1.0	9	1.000
PGD7495	55.95	56.55	79	226	0	13	0.0	8	1.000
PGD7496	56.55	57.32	103	269	0	16	1.0	16	4.000
PGD7497	57.32	57.96	107	342	1	41	0.0	26	7.000
PGD7498	57.96	58.77	85	232	0	38	1.0	9	0.000
PGD7499	58.77	59.50	60	158	0	12	1.0	6	0.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	La (ppm)	Ce (ppm)	W (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
PGD7500	59.50	60.03	52	115	0	12	0.0	5	0.000
PGD7501	60.03	60.95	69	172	0	9	0.0	6	0.000
PGD7502	60.95	61.75	68	172	0	6	0.0	7	0.000
PGD7503	61.75	62.15	57	158	0	17	1.0	6	0.000
PGD7504	62.15	63.18	85	221	0	15	0.0	10	1.000
PGD7505	63.18	63.77	76	204	0	9	1.0	9	1.000
PGD7506	63.77	64.06	61	176	0	12	1.0	6	0.000
PGD7507	64.06	64.70	84	235	0	9	0.0	7	0.000
PGD7508	64.70	65.38	77	224	0	21	0.0	13	1.000
PGD7509	65.38	65.62	85	249	0	8	0.0	32	6.000
PGD7510	65.62	66.35	35	85	0	9	0.0	5	1.000
PGD7511	66.35	66.62	135	307	0	25	0.0	20	3.000
PGD7512	66.62	67.45	40	111	0	9	0.0	6	0.000
PGD7513	67.45	67.74	56	153	0	6	0.0	8	1.000
PGD7514	67.74	68.52	72	174	0	8	1.0	7	0.000
PGD7515	68.52	68.98	40	107	0	5	0.0	6	0.000
PGD7516	68.98	69.15	255	657	0	39	1.0	99	13.000
PGD7517	69.15	70.15	36	83	0	4	1.0	9	1.000
PGD7518	70.15	70.74	48	117	0	16	1.0	7	1.000
PGD7519	70.74	70.86	47	114	0	18	1.0	10	2.000
PGD7520	70.86	71.70	41	121	0	10	1.0	8	0.000
PGD7521	71.70	72.70	43	106	0	14	1.0	5	1.000

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7404	6.00	6.96	0.002	0.003	0.002	0.001
PGD7405	6.96	8.26	0.002	0.002	0.001	0.001
PGD7406	8.26	8.71	0.002	0.006	0.003	0.002
PGD7407	8.71	8.85	0.002	0.004	0.001	0.001
PGD7408	8.85	9.50	0.002	0.003	0.003	0.001
PGD7409	9.50	10.15	0.002	0.002	0.001	0.001
PGD7410	10.15	10.80	0.002	0.002	0.001	0.001
PGD7411	10.80	11.13	0.002	0.005	0.003	0.001
PGD7412	11.13	11.49	0.002	0.004	0.003	0.001
PGD7413	11.49	12.00	0.002	0.002	0.001	0.001
PGD7414	12.00	12.65	0.002	0.003	0.001	0.001
PGD7415	12.65	12.86	0.002	0.002	0.001	0.002
PGD7416	12.86	14.21	0.002	0.004	0.001	0.002
PGD7417	14.21	14.45	0.002	0.005	0.004	0.003
PGD7418	14.45	14.92	0.002	0.006	0.004	0.002
PGD7419	14.92	15.45	0.002	0.008	0.006	0.003
PGD7420	15.45	16.10	0.002	0.004	0.002	0.002
PGD7421	16.10	16.42	0.002	0.005	0.003	0.002
PGD7422	16.42	16.90	0.002	0.007	0.005	0.001
PGD7423	16.90	17.53	0.002	0.004	0.003	0.002
PGD7424	17.53	18.20	0.002	0.002	0.001	0.001
PGD7425	18.20	18.56	0.002	0.003	0.001	0.001
PGD7426	18.56	19.31	0.002	0.002	0.001	0.001
PGD7427	19.31	19.98	0.002	0.004	0.001	0.004
PGD7428	19.98	20.55	0.002	0.003	0.001	0.002
PGD7429	20.55	20.74	0.002	0.049	0.054	0.003
PGD7430	20.74	20.87	0.002	0.023	0.022	0.004
PGD7431	20.87	21.05	0.002	0.025	0.040	0.006
PGD7432	21.05	21.47	0.002	0.005	0.004	0.003
PGD7433	21.47	21.99	0.002	0.020	0.013	0.004
PGD7434	21.99	22.77	0.002	0.035	0.036	0.003
PGD7435	22.77	22.96	0.002	0.004	0.004	0.002
PGD7436	22.96	23.75	0.002	0.002	0.002	0.002
PGD7437	23.75	24.06	0.002	0.004	0.003	0.001
PGD7438	24.06	24.34	0.002	0.045	0.034	0.008
PGD7439	24.34	24.59	0.002	0.009	0.006	0.001
PGD7440	24.59	25.42	0.002	0.033	0.033	0.005
PGD7441	25.42	25.67	0.002	0.006	0.008	0.002
PGD7442	25.67	26.56	0.002	0.035	0.033	0.003
PGD7443	26.56	27.14	0.002	0.013	0.015	0.003
PGD7444	27.14	28.00	0.002	0.042	0.042	0.003
PGD7445	28.00	28.20	0.002	0.016	0.017	0.004
PGD7446	28.20	29.10	0.002	0.031	0.026	0.005
PGD7447	29.10	30.05	0.002	0.013	0.013	0.003
PGD7448	30.05	30.90	0.002	0.003	0.005	0.003
PGD7449	30.90	31.65	0.002	0.003	0.004	0.002
PGD7450	31.65	31.89	0.002	0.003	0.002	0.006
PGD7451	31.89	32.65	0.002	0.004	0.005	0.003

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7452	32.65	33.30	0.002	0.010	0.004	0.003
PGD7453	33.30	34.29	0.002	0.002	0.004	0.002
PGD7454	34.29	34.50	0.002	0.002	0.002	0.001
PGD7455	34.50	34.85	0.002	0.002	0.002	0.002
PGD7456	34.85	35.52	0.002	0.002	0.003	0.002
PGD7457	35.52	35.80	0.002	0.003	0.003	0.010
PGD7458	35.80	36.10	0.002	0.004	0.004	0.004
PGD7459	36.10	36.71	0.002	0.002	0.002	0.004
PGD7460	36.71	37.63	0.002	0.004	0.004	0.001
PGD7461	37.63	38.15	0.002	0.003	0.002	0.001
PGD7462	38.15	38.42	0.002	0.004	0.002	0.001
PGD7463	38.42	38.90	0.002	0.002	0.002	0.001
PGD7464	38.90	39.45	0.002	0.012	0.012	0.001
PGD7465	39.45	40.10	0.002	0.002	0.004	0.001
PGD7466	40.10	40.73	0.002	0.010	0.009	0.001
PGD7467	40.73	41.10	0.002	0.003	0.004	0.001
PGD7468	41.10	41.45	0.002	0.002	0.001	0.001
PGD7469	41.45	41.79	0.002	0.004	0.004	0.001
PGD7470	41.79	42.50	0.002	0.002	0.004	0.001
PGD7471	42.50	43.00	0.002	0.003	0.004	0.002
PGD7472	43.00	43.72	0.002	0.003	0.004	0.002
PGD7473	43.72	44.40	0.002	0.003	0.003	0.001
PGD7474	44.40	44.92	0.002	0.002	0.002	0.001
PGD7475	44.92	45.34	0.002	0.002	0.002	0.001
PGD7476	45.34	46.18	0.002	0.004	0.002	0.003
PGD7477	46.18	46.93	0.002	0.002	0.001	0.003
PGD7478	46.93	47.16	0.002	0.002	0.001	0.003
PGD7479	47.16	47.70	0.002	0.002	0.001	0.001
PGD7480	47.70	48.20	0.002	0.002	0.001	0.001
PGD7481	48.20	49.01	0.002	0.002	0.001	0.001
PGD7482	49.01	49.77	0.002	0.003	0.002	0.002
PGD7483	49.77	50.10	0.002	0.002	0.001	0.003
PGD7484	50.10	50.75	0.002	0.005	0.003	0.005
PGD7485	50.75	51.70	0.002	0.006	0.004	0.006
PGD7486	51.70	52.43	0.002	0.004	0.001	0.004
PGD7487	52.43	52.76	0.002	0.002	0.001	0.001
PGD7488	52.76	53.25	0.002	0.002	0.002	0.004
PGD7489	53.25	53.45	0.002	0.002	0.001	0.003
PGD7490	53.45	53.92	0.002	0.004	0.003	0.001
PGD7491	53.92	54.77	0.002	0.003	0.002	0.006
PGD7492	54.77	54.87	0.002	0.003	0.001	0.003
PGD7493	54.87	55.55	0.002	0.008	0.004	0.001
PGD7494	55.55	55.95	0.002	0.008	0.005	0.001
PGD7495	55.95	56.55	0.002	0.007	0.004	0.003
PGD7496	56.55	57.32	0.002	0.004	0.002	0.002
PGD7497	57.32	57.96	0.002	0.005	0.003	0.005
PGD7498	57.96	58.77	0.002	0.009	0.006	0.002
PGD7499	58.77	59.50	0.002	0.004	0.002	0.006

BRITISH GEOLOGICAL SURVEY
Mineral Reconnaissance Programme

Loch Borralan Drillcore Data

Sample Reference	Top Depth	Bottom Depth	Rh (ppm)	Pd (ppm)	Pt (ppm)	Au (ppm)
PGD7500	59.50	60.03	0.002	0.002	0.003	0.001
PGD7501	60.03	60.95	0.002	0.007	0.005	0.001
PGD7502	60.95	61.75	0.002	0.006	0.004	0.002
PGD7503	61.75	62.15	0.002	0.004	0.002	0.001
PGD7504	62.15	63.18	0.002	0.009	0.008	0.004
PGD7505	63.18	63.77	0.002	0.004	0.002	0.003
PGD7506	63.77	64.06	0.002	0.006	0.002	0.004
PGD7507	64.06	64.70	0.002	0.004	0.002	0.001
PGD7508	64.70	65.38	0.002	0.006	0.003	0.001
PGD7509	65.38	65.62	0.002	0.004	0.002	0.002
PGD7510	65.62	66.35	0.002	0.004	0.001	0.007
PGD7511	66.35	66.62	0.002	0.004	0.002	0.003
PGD7512	66.62	67.45	0.002	0.002	0.001	0.002
PGD7513	67.45	67.74	0.002	0.002	0.003	0.002
PGD7514	67.74	68.52	0.002	0.006	0.008	0.001
PGD7515	68.52	68.98	0.002	0.007	0.011	0.002
PGD7516	68.98	69.15	0.002	0.002	0.008	0.001
PGD7517	69.15	70.15	0.002	0.007	0.012	0.001
PGD7518	70.15	70.74	0.002	0.005	0.015	0.001
PGD7519	70.74	70.86	0.002	0.002	0.012	0.002
PGD7520	70.86	71.70	0.002	0.002	0.008	0.001
PGD7521	71.70	72.70	0.002	0.002	0.008	0.001

2:5 BORRALAN PETROGRAPHIC DESCRIPTIONS

SAMPLE No.	ROCK NAME	DESCRIPTION
S93507	**pyroxene garnet syenite**	No obvious foliation. Green pyroxenes and very altered nepheline. Abundant garnets and sphene. Opaques and apatite also present.
S93508	**pyroxene garnet syenite**	Some foliation, probably due to shearing. Large nepheline crystals with altered cores. Late metasomatic garnets with pyroxene inclusions. Apatite and sphene as accesories.
S93509	**leucosyenite vein**	The vein contains completely altered nepheline, garnet, amphibole and green biotite. Accesories: opaques (probably magnetite) and apatite. The rest is a garnet melasyenite with important apatite and sphene.
S93510	**garnet leucosyenite**	Two areas: melanocratic and leucocratic. The latter with K feldspar and carbonates. Biotite and garnet. Acc. min.: apatite, sphene and opaques (magnetite, pyrite and two generations of chalcopyrite).
S93511	**leucosyenite and garnet syenite**	Altered and fresh feldspathoids. Pyroxene and highly strained biotite. Large garnets replace pyroxene in places. Green, very altered amphiboles. Acc.: apatite, sphene and opaques.
S93512	**amphibole magnetite garnet pyroxenite**	Coarse grained pyroxenite. Pyroxenes, garnet, biotite, amphibole, altered feldspars. Acc.: magnetite (8% of the sample) represents a late phase; large apatite crystals.
S93513	**apatite-rich amphibole garnet pyroxenite**	Pyroxene,ýgarnet, amphibole, apatite and biotite. Some of the garnets are finely zoned. Acc.: opaques (magnetite, disseminated pyrite and later chalcopyrite). Apatite is a major constituent of the rock.
S93514	**garnet leucosyenite and pyroxenite**	Pyroxenite: pyroxenes, garnet, green biotite, amphiboles. Acc.: pyrite, chalcopyrite and magnetite. Syenite: very altered nepheline, garnet and amphibole. Acc.: chalcopyrite postdates disseminated pyrite and magnetite. Very fine carbonate veining.

2:5 BORRALAN PETROGRAPHIC DESCRIPTIONS

SAMPLE No.	ROCK NAME	DESCRIPTION
S93515	**Kspar and carbonate breccia**	Kspar and carbonate breccia with heavily fractured pyrite. Small amounts of magnetite. The mafics are pyroxene, green mica and garnet. Pyrite, apatite and magnetite as accesories.
S93516	**amphibolitised pyroxenite**	Lamellar and twinned pyroxenes and amphiboles. Green mica and Kspar. Abundant apatite. Fine carbonate veins affecting the bottom part of the slide.
S93517	**biotite garnet syenite**	Garnet-rich zone enclosing green mica and apatite, close to pegmatitic feldspar. This is cut across by quartz veins. There is carbonate-quartz-feldspar veining in the garnet-rich zone. Acc.: apatite.
S93518	**quartz breccia vein in amphibolitised pyroxenite**	Medium-coarse grained. Quartz breccia vein enclosing fragments of pyroxene, garnet, altered feldspar and green mica. Acc.: apatite.
S93519	**garnet nepheline syenite**	Medium grained garnet nepheline syenite. Garnets show intense corrosion. Mica aggregates completely replace and pseudomorph after pyroxene/amphibole. Green mica, few opaques and apatite.
S93520	**amphibolitised pyroxenite**	Medium-coarse grained pyroxenite with a very feldspar-rich area. Light and dark-coloured garnets represent a late phase. Apatite is an important accesory mineral.
S93521	**garnet syenite**	Garnet nepheline syenite. Mica aggregates pseudomorph after pyroxene/amphibole. Green biotite. Acc.: apatite
S93522	**amphibolitised pyroxenite and pyroxenite**	Fine grained euhedral equigranular amphibolitised pyroxenite and medium-coarse grained pyroxenite. The latter is richer in green biotite, garnet and opaques.
S93523	**brecciated leucosyenite**	Intense silicification. Garnets and biotite. Acc.: zircon and small euhedral pyrite crystals disseminated in the groundmass. Tiny amounts of interstice-filling galena.

2:5 BORRALAN PETROGRAPHIC DESCRIPTIONS

SAMPLE No.	ROCK NAME	DESCRIPTION
S93524	**pyroxenite**	Medium-coarse grained. Abundant green-brown biotite. Acc.: apatite and opaques.
S93525	**amphibolitised mica pyroxenite**	Contact between amphibolitised pyroxenite and green-pink mica pyroxenite. Acc.: opaques and apatite.
S93526	**amphibolitised mica pyroxenite**	Sheared medium-coarse grained mica pyroxenite cut by epidote vein. Amphibole and abundaýt clay minerals replacing pyroxene. Acc.: apatite and opaques (probably pyrite).
S93527	**amphibolitised pyroxenite**	Sheared amphibolitised pyroxenite. Acc.: Apatite and opaques.
S93528	**carbonate breccia**	Coarse grained carbonate breccia with carbonates, feldspar, very fine-grained Fe-rich chlorite, pyrite and apatite.
S93529	**carbonate breccia**	Same as above. Pyrite prior to deformation.
S93530	**carbonate breccia**	As above. Acc.: molybdenite and zircon.
S93531	**carbonate breccia**	As above. Acc.: traces of molybdenite.
S93532	**mela-syenite/mafic gabbro**	Mesocratic medium grained amphibolitised rock containing very altered Kspar, amphibole, pyroxene and green mica. Acc.: abundant pyrite, some magnetite with lamellar exolution of ilmenite, and zircon.

Loch Borralan borehole 2: Magnetic Susceptibility

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
1	1.05	0.48
1.25	1.3	1.13
1.5	1.55	0.49
1.75	1.8	0.82
2	2.05	0.91
2.25	2.3	0.62
2.5	2.55	0.8
2.75	2.8	1.21
3	3.05	1.11
3.25	3.3	1.07
3.5	3.55	0.55
3.75	3.8	0.4
4	4.05	0.1
4.25	4.3	0.47
4.5	4.55	0.54
4.75	4.8	0.43
5	5.05	0.47
5.25	5.3	0.58
5.5	5.55	1.02
5.75	5.8	1.59
6	6.05	1.21
6.25	6.3	0.61
6.5	6.55	0.82
6.75	6.8	1.18
7	7.05	0.51
7.25	7.3	0.63
7.5	7.55	0.1
7.75	7.8	1.62
8	8.05	0.01
8.25	8.3	1.31
8.5	8.55	0.1
8.75	8.8	1.01
9	9.05	0.9
9.25	9.3	1.34
9.5	9.55	0.1
9.75	9.8	0.97
10	10.05	3.43
10.25	10.3	4.8
10.5	10.55	1.03
10.75	10.8	13.8
11	11.05	2.29
11.25	11.3	1.22
11.5	11.55	206
11.75	11.8	1.12
12	12.05	1.66
12.25	12.3	1.06
12.5	12.55	0.41
12.75	12.8	2.64
13	13.05	3.7
13.25	13.3	1.69
13.5	13.55	6.61

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
13.75	13.8	4.8
14	14.05	2.23
14.25	14.3	0.77
14.5	14.55	0.76
14.75	14.8	43.5
15	15.05	41.2
15.25	15.3	24.8
15.5	15.55	194
15.75	15.8	64.2
16	16.05	25.8
16.25	16.3	77
16.5	16.55	83.7
16.75	16.8	96.9
17	17.05	67.8
17.25	17.3	72.8
17.5	17.55	94.5
17.75	17.8	58.6
18	18.05	170
18.25	18.3	74.1
18.5	18.55	88.6
18.75	18.8	0.64
18.9	18.95	100
19	19.05	6.76
19.25	19.3	96.9
19.5	19.55	105
19.75	19.8	123
20	20.05	34.4
20.25	20.3	28.2
20.5	20.55	0.71
20.75	20.8	6.83
21	21.05	10
21.25	21.3	15.3
21.5	21.55	25.2
21.75	21.8	37.8
22	22.05	9.7
22.25	22.3	20.5
22.5	22.55	11.5
22.75	22.8	55.1
23	23.05	215
23.25	23.3	74
23.5	23.55	149
23.75	23.8	173
24	24.05	60.1
24.25	24.3	121
24.5	24.55	72.8
24.75	24.8	162
25	25.05	141
25.25	25.3	42.1
25.5	25.55	41.5
25.75	25.8	155
26	26.05	68.6

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
26.25	26.3	120
26.5	26.55	4.74
26.75	26.8	100
27	27.05	43.5
27.25	27.3	69.6
27.5	27.55	2.82
27.75	27.8	60.9
28	28.05	65.5
28.25	28.3	45.4
28.5	28.55	23.8
28.75	28.8	64.4
29	29.05	3.35
29.25	29.3	32.2
29.5	29.55	34.2
29.75	29.8	21.7
30	30.05	31.1
30.25	30.3	67.8
30.5	30.55	138
30.75	30.8	141
31	31.05	56.5
31.25	31.3	55.1
31.5	31.55	143
31.75	31.8	162
32	32.05	87.4
32.25	32.3	17.7
32.5	32.55	139
32.75	32.8	150
33	33.05	38.6
33.25	33.3	24.2
33.5	33.55	50.3
33.75	33.8	39.2
34	34.05	48.4
34.25	34.3	34.6
34.5	34.55	8.41
34.75	34.8	15.7
35	35.05	9.71
35.25	35.3	24.4
35.5	35.55	46
35.75	35.8	15.2
36	36.05	48.6
36.15	36.2	3.22
36.25	36.3	33.7
36.5	36.55	27.8
36.75	36.8	25.4
37	37.05	18.1
37.25	37.3	30.3
37.5	37.55	24.6
37.85	37.9	17.4
38	38.05	7.1
38.25	38.3	3.95
38.5	38.55	22
38.75	38.8	19.1
39	39.05	25.3

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
39.25	39.3	10.1
39.5	39.55	27.9
39.75	39.8	20.1
40	40.05	0.19
40.25	40.3	18.2
40.5	40.55	14.8
40.75	40.8	12.8
41	41.05	33.9
41.25	41.3	6.23
41.5	41.55	13.2
41.75	41.8	20.6
42	42.05	48.4
42.25	42.3	36.8
42.5	42.55	0.31
42.75	42.8	0.42
43	43.05	38.1
43.25	43.3	31.2
43.5	43.55	18.5
43.75	43.8	30.3
44	44.05	29.6
44.25	44.3	19.7
44.5	44.55	25.5
44.75	44.8	46.2
45	45.05	0.52
45.25	45.3	1.83
45.45	45.5	1.7
45.75	45.8	2.65
46	46.05	0.29
46.25	46.3	10
46.5	46.55	0.75
46.75	46.8	4.27
47	47.05	0.24
47.25	47.3	0.3
47.5	47.55	0.32
47.75	47.8	0.24
48	48.05	0.25
48.25	48.3	0.26
48.5	48.55	0.72
48.75	48.8	0.73
49	49.05	0.83
49.25	49.3	3.31
49.5	49.55	1.43
49.75	49.8	1.9
50	50.05	1.07
50.25	50.3	12.8
50.5	50.55	2.25
50.75	50.8	9.91
51	51.05	17.6
51.25	51.3	30
51.5	51.55	16.8
51.75	51.8	3.2
52	52.05	1.81
52.25	52.3	41

Top Depth (m)	Bottom Depth (m)	Magnetic Susceptibility ($x10^{-3}$SI)
52.5	52.55	1.07
52.75	52.8	1.58
53	53.05	0.94
53.25	53.3	1.58
53.5	53.55	1.41
53.75	53.8	1.3
54	54.05	0.97
54.25	54.3	4.44
54.5	54.55	2.01
54.75	54.8	0.66
55	55.05	1.87
55.25	55.3	6.61
55.5	55.55	9.75
55.75	55.8	0.61
56	56.05	22.2
56.25	56.3	9.56
56.5	56.55	6.34
56.75	56.8	36
57	57.05	37.3
57.25	57.3	1.18
57.5	57.55	5.71
57.75	57.8	4.73
58	58.05	2.05
58.25	58.3	28.1
58.5	58.55	22.9
58.75	58.8	25.6
59	59.05	3.04
59.25	59.3	0.39
59.5	59.55	22.7
59.75	59.8	0.49
60	60.05	6.16
60.25	60.3	0.73
60.5	60.55	4.76
60.75	60.8	1.17
61	61.05	4.94
61.25	61.3	0.99
61.5	61.55	1.22
61.75	61.8	7.1
62	62.05	11.2
62.25	62.3	4.43
62.5	62.55	5.02
62.75	62.8	2.83
63	63.05	6.71
63.25	63.3	3.06
63.5	63.55	9.96
63.75	63.8	11.5
64	64.05	2.58
64.25	64.3	2.57
64.6	64.65	18.9
64.75	64.8	25.1
65	65.05	0.12
65.25	65.3	9.17
65.5	65.55	10.2

Top Depth (m)	Bottom Depth (m)	Magnetic Susceptibility ($x10^{-3}$SI)
65.75	65.8	5.63
66	66.05	6.25
66.25	66.3	2.07
66.5	66.55	7.03
66.75	66.8	5.73
67	67.05	5.15
67.25	67.3	9.52
67.5	67.55	4.11
67.75	67.8	4.3
68	68.05	3.56
68.25	68.3	0.1
68.5	68.55	14
69	69.05	2.92
69.5	69.55	1.76
70	70.05	10.7
70.5	70.55	4.31
71	71.05	1.15
71.5	71.55	23.2
72	72.05	11.9
72.5	72.55	13.1
73	73.05	6.42
73.5	73.55	0.38
74	74.05	0.58
74.3	74.35	0.27
74.7	74.75	2.97
75	75.05	15.6
75.5	75.55	16.3
76	76.05	9.73
76.5	76.55	25.8
77	77.05	3.64
77.5	77.55	5.01
78	78.05	14.3
78.5	78.55	10.1
79	79.05	5.02
79.5	79.55	10.7
80	80.05	5.21
80.3	80.35	4.7
80.6	80.65	0.1
81	81.05	8.28
81.5	81.55	31.2
82	82.05	13.5
82.4	82.45	13.1
82.6	82.65	19.2
83	83.05	21
83.5	83.55	11
84	84.05	14.5
84.6	84.65	1.07
84.8	84.85	0.11
85	85.05	0.1
85.5	85.55	20.2
86	86.05	8.88
86.5	86.55	9.15
87	87.05	2.58

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
87.5	87.55	3.18
88	88.05	2.56
88.5	88.55	2.66
89	89.05	0.85
89.5	89.55	7.82
90	90.05	1.67
90.5	90.55	5.66
91	91.05	4.11
91.5	91.55	6.89
92	92.05	4.32
92.25	92.3	10.2
92.5	92.55	3.28
93	93.05	0.83
93.5	93.55	11.3
94	94.05	8.36
94.5	94.55	14.2
95	95.05	8.56
95.5	95.55	1.3
96	96.05	0.63
96.5	96.55	14.8
97	97.05	22.8
97.5	97.55	22.3
98	98.05	14.3
98.5	98.55	16.7
99	99.05	13.9
99.5	99.55	6.72
100	100.05	6.34
100.5	100.55	2.01
100.9	100.95	17.9
101.5	101.55	11.7
102	102.05	9.57
102.5	102.55	8.01
103	103.05	26.7
103.5	103.55	26.5
103.8	103.85	18
104	104.05	8.83
104.5	104.55	31.4
104.8	104.85	23.2
105	105.05	22.3
105.5	105.55	3.26
106	106.05	8.28
106.5	106.55	7.38
107	107.05	14.9
107.5	107.55	20.6
108	108.05	7.59
108.5	108.55	9.65
109	109.05	6.82
109.5	109.55	5.94
110	110.05	10.4
110.5	110.55	14.5
111	111.05	10.6
111.5	111.55	9.42
112	112.05	4.89

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
112.5	112.55	10.9
113.1	113.15	15.4
113.5	113.55	4.74
113.9	113.95	7.05
114.25	114.3	2.47
114.5	114.55	1.58
115	115.05	8.93
115.4	115.45	1.03
115.7	115.75	11.1
116	116.05	11.8
116.5	116.55	13.6

Loch Borralan Borehole 3: Magnetic Susceptibility

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
8	8.05	0.08
8.3	8.35	3.81
8.5	8.55	1.52
8.8	8.85	1.69
9	9.05	0.13
9.5	9.55	1.9
9.75	9.8	1.14
10	10.05	1.13
10.25	10.3	0.2
10.5	10.55	0.03
10.75	10.8	7.98
11	11.05	1.77
11.25	11.3	0.2
11.5	11.55	0.15
11.75	11.8	0.79
12	12.05	0.18
12.25	12.3	2.55
12.5	12.55	4.42
12.75	12.8	5.07
13	13.05	3.31
13.25	13.3	8.54
13.5	13.55	6.23
13.75	13.8	7.12
14	14.05	0.71
14.25	14.3	14.4
14.5	14.55	2.24
14.75	14.8	0.81
15	15.05	1.35
15.25	15.3	1.51
15.5	15.55	1.19
15.75	15.8	6.34
16	16.05	0.28
16.25	16.3	1.17
16.5	16.55	0.52
16.75	16.8	0.71
17	17.05	0.79
17.25	17.3	0.7
17.5	17.55	0.45
17.75	17.8	0.67
18	18.05	0.44
18.25	18.3	0.73
18.5	18.55	0.19
18.75	18.8	0.16
19	19.05	0.33
19.25	19.3	0.54
19.5	19.55	0.16
19.75	19.8	2.67
20	20.05	1.73
20.25	20.3	1.33
20.5	20.55	1.8
20.75	20.8	3.46

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
21	21.05	4.5
21.25	21.3	4.92
21.5	21.55	1.59
21.75	21.8	8.81
22	22.05	13.1
22.25	22.3	9.51
22.5	22.55	11.4
22.75	22.8	12.1
23	23.05	4.63
23.25	23.3	8.76
23.5	23.55	23.5
23.75	23.8	7.03
24	24.05	5.15
24.25	24.3	10.8
24.5	24.55	18.4
24.75	24.8	2.49
25	25.05	0.98
25.25	25.3	1.12
25.5	25.55	1.09
25.75	25.8	4.09
26	26.05	12
26.25	26.3	5.96
26.5	26.55	1.35
26.75	26.8	0.4
27	27.05	0.39
27.25	27.3	0.67
27.5	27.55	0.81
27.75	27.8	0.79
28	28.05	0.47
28.25	28.3	0.65
28.5	28.55	1.84
28.75	28.8	18.5
29	29.05	1.12
29.25	29.3	0.97
29.5	29.55	0.85
29.75	29.8	1.15
30	30.05	0.38
30.25	30.3	0.64
30.5	30.55	2.4
30.75	30.8	10.5
31	31.05	1.1
31.25	31.3	4.2
31.5	31.55	2.36
31.75	31.8	4.6
32	32.05	6.18
32.25	32.3	3.09
32.5	32.55	1.75
32.75	32.8	3.78
33	33.05	5.62
33.25	33.3	3.44
33.5	33.55	0.91

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
33.75	33.8	0.28
34	34.05	2.58
34.25	34.3	0.68
34.5	34.55	2.09
34.75	34.8	3.02
35	35.05	7.67
35.25	35.3	6.55
35.5	35.55	0.97
35.75	35.8	2.84
36	36.05	5.08
36.25	36.3	15.6
36.5	36.55	8.23
36.75	36.8	1.85
37	37.05	8.37
37.25	37.3	12.5
37.5	37.55	7.89
37.75	37.8	17.8
38	38.05	6.47
38.25	38.3	7.64
38.5	38.55	5.79
38.75	38.8	11.4
39	39.05	8.94
39.25	39.3	10
39.5	39.55	13.7
39.75	39.8	0.64
40	40.05	5.32
40.25	40.3	7.39
30.5	30.55	15.1
40.75	40.8	13.2
41	41.05	6.78
41.25	41.3	5.96
41.5	41.55	5.62
41.75	41.8	1.99
42	42.05	0.85
42.25	42.3	17.3
42.5	42.55	5.27
42.75	42.8	1.79
43	43.05	16.7
43.25	43.3	8.18
43.5	43.55	19.2
43.75	43.8	31
44	44.05	4.9
44.25	44.3	1.3
44.5	44.55	1.4
44.75	44.8	37.5
45	45.05	0.45
45.25	45.3	5.51
45.5	45.55	10.6
45.75	45.8	11.8
46	46.05	3.48
46.25	46.3	38.2
46.5	46.55	33.6
46.75	46.8	3.17

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
47	47.05	4.81
47.25	47.3	5.88
47.5	47.55	11.3
47.75	47.8	0.52
48	48.05	19.2
48.25	48.3	4.35
48.5	48.55	0.41
48.75	48.8	3.31
49	49.05	3.29
49.25	49.3	7.46
49.5	49.55	15.2
49.75	49.8	19.6
50	50.05	18.2
50.25	50.3	60.6
50.5	50.55	11.4
50.75	50.8	27
51	51.05	39.7
51.25	51.3	51.2
451.5	451.55	36.4
51.75	51.8	39.5
52	52.05	23.5
52.25	52.3	33.2
52.5	52.55	45.1
52.75	52.8	31.6
53	53.05	65.9
53.25	53.3	84.1
53.5	53.55	52.2
53.75	53.8	4.36
54	54.05	43.1
54.25	54.3	1.09
54.5	54.55	0.6
54.75	54.8	1.44
55	55.05	0.68
5.25	5.3	1.16
55.5	55.55	4.16
55.75	55.8	1.09
56	56.05	29.2
56.25	56.3	3.61
56.5	56.55	10.1
56.75	56.8	3.96
57	57.05	3.85
57.25	57.3	1.62
57.5	57.55	6.55
57.75	57.8	29.7
58	58.05	2.75
58.25	58.3	36.6
58.5	58.55	4.93
58.75	58.8	3.78
59	59.05	24.9
59.25	59.3	12.3
59.5	59.55	8.24
59.75	59.8	8.47
60	60.05	22.2

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
60.25	60.3	13.5
60.5	60.55	12.4
60.75	60.8	1.33
61	61.05	12.3
61.25	61.3	15.5
61.5	61.55	7.27
61.75	61.8	3.55
62	62.05	3.17
62.25	62.3	10
62.5	62.55	3.28
62.75	62.8	1.04
63	63.05	0.92
63.25	63.3	0.52
63.5	63.55	0.55
63.75	63.8	2.64
64	64.05	8.3
64.25	64.3	3.67
64.5	64.55	0.63
64.75	64.8	0.58
65	65.05	0.46
65.25	65.3	0.22
65.5	65.55	5.4
65.75	65.8	3.43
66	66.05	15.6
66.25	66.3	18.9
66.5	66.55	12.1
66.75	66.8	22
67	67.05	9.5
67.25	67.3	8.67
67.5	67.55	14.2
67.75	67.8	3.41
68	68.05	13.6
68.25	68.3	13.4
68.5	68.55	20.9
68.75	68.8	1.82
69	69.05	4.49
69.25	69.3	43.9
69.5	69.55	38.1
69.75	69.8	46.6
70	70.05	35.4
70.25	70.3	38.9
70.5	70.55	30
70.75	70.8	29.4
71	71.05	25.6
71.25	71.3	44.9
71.5	71.55	24.1
71.75	71.8	51.3
72	72.05	22.7
72.25	72.3	26.9
72.5	72.55	57.5
72.75	72.8	49.8
73	73.05	45.8
73.25	73.3	21.1

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
73.5	73.55	35.5
73.75	73.8	40.4
74	74.05	35.8
74.25	74.3	31.6
74.5	74.55	25.1
74.75	74.8	2.97
75	75.05	0.44
75.25	75.3	2.09
75.5	75.55	0.88
75.75	75.8	0.98
76	76.05	4.63
76.25	76.3	2.18
76.5	76.55	42.1
76.75	76.8	0.38
77	77.05	62.1
77.25	77.3	0.46
77.5	77.55	77.2
77.75	77.8	1.2
78	78.05	39.8
78.25	78.3	8.29
78.5	78.55	3.77
78.75	78.8	2.5
79	79.05	0.77
79.25	79.3	1.29
79.5	79.55	0.15
79.75	79.8	0.06
80	80.05	6.66
80.25	80.3	6.73
80.5	80.55	0.7
80.75	80.8	0.11
81	81.05	1.83
81.25	81.3	19.9
81.5	81.55	15.4
81.75	81.8	14
82	82.05	1.61
82.25	82.3	9.97
82.5	82.55	10.3
82.75	82.8	8.53
83	83.05	15.8
83.25	83.3	24.2
83.5	83.55	10.4
83.75	83.8	14.2
84	84.05	3.74
84.25	84.3	8.96
84.5	84.55	10.2
84.75	84.8	3.35
85	85.05	7.05
85.25	85.3	3.84
85.5	85.55	8.35
85.75	85.8	0.52
86	86.05	1.82
86.25	86.3	8.81
86.5	86.55	5.51

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
86.75	86.8	2.15
87	87.05	5.54
87.25	87.3	21.2
87.5	87.55	11.8
87.75	87.8	13.2
88	88.05	23.8
88.25	88.3	12.8
88.5	88.55	19.5
88.75	88.8	21.5
89	89.05	29.3
89.3	89.35	22.8
89.7	89.75	1.44
90	90.05	0.4
90.25	90.3	0.1
90.5	90.55	3.48
90.75	90.8	45.7
91	91.05	9.65
91.25	91.3	56.7
91.5	91.55	21.1
91.75	91.8	23
92	92.05	28.9
92.25	92.3	25.5
92.5	92.55	29.8
92.75	92.8	1.84
93	93.05	54.7
93.25	93.3	42.3
93.5	93.55	52.8
93.75	93.8	45.6
94	94.05	58.7
94.25	94.3	54.2
94.5	94.55	17.2
94.75	94.8	1.16
95	95.05	10.3
95.25	95.3	25
95.5	95.55	23
95.75	95.8	16.9
96	96.05	18.1
96.25	96.3	17.2
96.5	96.55	18.7
96.75	96.8	14.1
97	97.05	0.1
97.25	97.3	0.04
97.5	97.55	8.41
97.75	97.8	15.6
98	98.05	2.82
98.25	98.3	20
98.5	98.55	32.8
98.75	98.8	0.12
99	99.05	0.1
99.25	99.3	0
99.5	99.55	0.1
99.75	99.8	0.15
100	100.05	4.42

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
100.25	100.3	1.54
100.5	100.55	1.3
100.75	100.8	4.92
101	101.05	31.5
101.25	101.3	26.3
101.5	101.55	59.7
101.75	101.8	12.1
102	102.05	6.47
102.25	102.3	28
102.5	102.55	12.8
102.75	102.8	12
103	103.05	26.6
103.25	103.3	33.5
103.5	103.55	26.4
103.75	103.8	36.3
104	104.05	49.3
104.25	104.3	39.1
104.5	104.55	43.2
104.75	104.8	37.6
105	105.05	45.1
105.25	105.3	32
105.5	105.55	29.1
105.75	105.8	12.3
106	106.05	12.9
106.25	106.3	13.5
106.5	106.55	3.18
106.75	106.8	12.6
107	107.05	37.7
107.25	107.3	49
107.5	107.55	40.5
107.75	107.8	29.6
108	108.05	42.4
108.25	108.3	29.5
108.5	108.55	29.6
108.75	108.8	35.8
109	109.05	45.5
109.25	109.3	39
109.5	109.55	47.3
109.75	109.8	26.7
110	110.05	36.3
110.25	110.3	13
110.5	110.55	27.4
110.75	110.8	18.2
111	111.05	36.2
111.25	111.3	30.7
111.5	111.55	32.4
111.75	111.8	26.1
112	112.05	35.7
112.25	112.3	33.7
112.5	112.55	35.8
112.75	112.8	43.2
113	113.05	52.6
113.25	113.3	56.5

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
113.5	113.55	27.5
113.75	113.8	45.4
114	114.05	43.5
114.25	114.3	19.8
114.5	114.55	41.7
114.75	114.8	46.6
115	115.05	37.9
115.25	115.3	38.7
115.5	115.55	50.8
115.75	115.8	30.8
116	116.05	40.8
116.25	116.3	48.2
116.5	116.55	36.9
116.75	116.8	61.6
117	117.05	50.6
117.25	117.3	58
117.5	117.55	50.9
117.75	117.8	51.8
118	118.05	49.6
118.25	118.3	43.5
118.5	118.55	49
118.75	118.8	60.5
119	119.05	49
119.25	119.3	52.8
119.5	119.55	36.1
119.75	119.8	19.7
120	120.05	5.13
120.25	120.3	8.98
120.5	120.55	17.6
120.75	120.8	18.6
121	121.05	20.6
121.25	121.3	21.3
121.5	121.55	18
121.75	121.8	3.84
122	122.05	11.6
122.25	122.3	11
122.5	122.55	8.92
122.75	122.8	30.9
123	123.05	19.1
123.25	123.3	29.7
123.5	123.55	9.46
123.75	123.8	34.5
124	124.05	33.8
124.25	124.3	32
124.5	124.55	1.04
124.75	124.8	67.3
125	125.05	12.4
125.25	125.3	23.1
125.5	125.55	0.54
125.75	125.8	0.31
126	126.05	1.86
126.25	126.3	1.31
126.5	126.55	5.88

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
126.75	126.8	8.01
127	127.05	3.07
127.25	127.3	1.92
127.5	127.55	1.43
127.75	127.8	8.95
128	128.05	6.41
128.25	128.3	3.44
128.5	128.55	2.16
128.75	128.8	4.46
129	129.05	11
129.25	129.3	12.3
129.5	129.55	11.9
129.75	129.8	11.2
130	130.05	7.1
130.25	130.3	5.75
130.5	130.55	3.35
130.75	130.8	5.44
131	131.05	11.9
131.25	131.3	5.06

Loch Borralan Borehole 4: Magnetic Susceptibility

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
6.25	6.3	20.6
6.5	6.55	9.82
6.75	6.8	12.2
7	7.05	2.84
7.25	7.3	7.51
7.5	7.55	6.37
7.75	7.8	3.27
8	8.05	1
8.25	8.3	2.75
8.5	8.55	19.5
8.75	8.8	4.94
9	9.05	3.81
9.25	9.3	15.5
9.5	9.55	7.75
9.75	9.8	8.12
10	10.05	3.78
10.25	10.3	15.8
10.5	10.55	11.9
10.75	10.8	22.4
11	11.05	2.51
11.25	11.3	1.85
11.5	11.55	2.56
11.75	11.8	1.01
12	12.05	1
12.25	12.3	2.48
12.5	12.55	4.54
12.75	12.8	0.78
13	13.05	2.25
13.25	13.3	8.47
13.5	13.55	13.2
13.75	13.8	17.5
14	14.05	6.26
14.25	14.3	22.4
14.5	14.55	27.4
14.75	14.8	25.1
15	15.05	32.3
15.25	15.3	21.1
15.5	15.55	1.78
15.75	15.8	10.5
16	16.05	5.49
16.25	16.3	7.39
16.5	16.55	6.96
16.75	16.8	15.4
17	17.05	12.4
17.25	17.3	9.76
17.5	17.55	6.01
17.75	17.8	24.6
18	18.05	9.49
18.25	18.3	0.96
18.5	18.55	6.9
18.75	18.8	58

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
19	19.05	110
19.25	19.3	8.9
19.5	19.55	215
19.75	19.8	6.52
20	20.05	0.12
20.25	20.3	0.32
20.5	20.55	0.57
20.75	20.8	38.8
21	21.05	139
21.25	21.3	59.4
21.5	21.55	102
21.75	21.8	9.33
22	22.05	47.4
22.25	22.3	60.7
22.5	22.55	137
22.75	22.8	165
23	23.05	8.5
23.25	23.3	0.17
23.5	23.55	0.17
23.75	23.8	1.67
24	24.05	17.1
24.25	24.3	154
24.5	24.55	38.8
24.75	24.8	104
25	25.05	73.9
25.25	25.3	89.6
25.5	25.55	2.48
25.75	25.8	142
26	26.05	231
26.25	26.3	144
26.5	26.55	153
26.75	26.8	18.7
27	27.05	97.9
27.25	27.3	87.1
27.5	27.55	165
27.75	27.8	112
28	28.05	23.6
28.25	28.3	140
28.5	28.55	103
28.75	28.8	83.8
29	29.05	109
29.25	29.3	83.9
29.5	29.55	155
29.75	29.8	126
30	30.05	71.8
30.25	30.3	118
30.5	30.55	44.5
30.75	30.8	127
31	31.05	154
31.25	31.3	61.2
31.5	31.55	413

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
31.75	31.8	1.23
32	32.05	118
32.25	32.3	155
32.5	32.55	178
32.75	32.8	79.5
33	33.05	210
33.25	33.3	174
33.5	33.55	129
33.75	33.8	104
34	34.05	40.3
34.25	34.3	135
34.5	34.55	73
34.75	34.8	90.5
35	35.05	103
35.25	35.3	167
35.5	35.55	39.5
35.75	35.8	113
36	36.05	153
36.25	36.3	70.4
36.5	36.55	94.1
36.75	36.8	5.39
37	37.05	10.8
37.25	37.3	113
37.5	37.55	46
37.75	37.8	64.7
38	38.05	22.7
38.25	38.3	16
38.5	38.55	3.37
38.75	38.8	0.89
39	39.05	20.4
39.25	39.3	6.3
39.5	39.55	32.6
39.75	39.8	18.9
40	40.05	11.8
40.25	40.3	33.2
40.5	40.55	45.7
40.75	40.8	0.69
41	41.05	0.82
41.25	41.3	0.25
41.5	41.55	20.7
41.75	41.8	5.06
42	42.05	17.9
42.25	42.3	44.8
42.5	42.55	24.9
42.75	42.8	69
43	43.05	83.9
43.25	43.3	10.8
43.5	43.55	102
43.75	43.8	34.3
44	44.05	25.5
44.25	44.3	65.5
44.5	44.55	62.6
44.75	44.8	19.1

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
45	45.05	35.7
45.25	45.3	3.24
45.5	45.55	0.86
45.75	45.8	0.72
46	46.05	0.67
46.25	46.3	0.57
46.5	46.55	0.44
46.75	46.8	0.52
47	47.05	3.44
47.25	47.3	0.61
47.5	47.55	6.31
47.75	47.8	2.45
48	48.05	0.77
48.25	48.3	0.88
48.5	48.55	0.71
48.75	48.8	0.67
49	49.05	46.4
49.25	49.3	33
49.5	49.55	5.84
49.75	49.8	0.52
50	50.05	0.95
50.25	50.3	1.97
50.5	50.55	31.8
0.75	0.8	34.7
51	51.05	16.2
51.25	51.3	29.5
51.5	51.55	12.3
51.75	51.8	29.5
52	52.05	20.4
52.25	52.3	52.9
52.5	52.55	0.65
52.75	52.8	36
53	53.05	97.2
53.25	53.3	27.2
53.5	53.55	98.2
53.75	53.8	74.4
54	54.05	135
54.25	54.3	146
54.5	54.55	136
54.75	54.8	60.1
55	55.05	140
55.25	55.3	68.7
55.5	55.55	62.9
55.75	55.8	126
56	56.05	26.2
56.25	56.3	99
56.5	56.55	50.3
56.75	56.8	35.9
57	57.05	105
57.25	57.3	238
57.5	57.55	4.86
57.75	57.8	1.65
58	58.05	1.96

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
58.25	58.3	72.2
58.5	58.55	73.4
58.75	58.8	64.2
59	59.05	43.6
59.25	59.3	31
59.5	59.55	36.5
59.75	59.8	188
60	60.05	202
60.25	60.3	251
60.5	60.55	242
60.75	60.8	99.2
61	61.05	81.8
61.25	61.3	31.2
61.5	61.55	21.9
61.75	61.8	3.47
62	62.05	33.6
62.25	62.3	52.7
62.5	62.55	158
62.75	62.8	111
63	63.05	122
63.25	63.3	90.8
63.5	63.55	133
63.75	63.8	84.7
64	64.05	65.7
64.25	64.3	108
64.5	64.55	66.7
64.75	64.8	70.6
65	65.05	64.5
65.25	65.3	60.8
65.5	65.55	0.33
65.75	65.8	133
66	66.05	130
66.25	66.3	123
66.5	66.55	17.7
66.75	66.8	84.3
67	67.05	20.3
67.25	67.3	45.3
67.5	67.55	186
67.75	67.8	59.1
68	68.05	132
68.25	68.3	162
68.5	68.55	151
68.75	68.8	177
69	69.05	25.9
69.25	69.3	57
69.5	69.55	44.3
69.75	69.8	36.6
70	70.05	46.7
70.25	70.3	54.8
70.5	70.55	68.4
70.75	70.8	15.4
71	71.05	9.64
71.25	71.3	25.7

Top Depth (m)	Bottom Depth (m)	Magnetic Suceptibility ($x10^{-3}$SI)
71.5	71.55	175
71.75	71.8	239
72	72.05	215
72.25	72.3	163
72.5	72.55	135